

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102090.D
 Acq On : 16 Jan 2018 5:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 07:08:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143303	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	564148	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	223389	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	308230	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	251801	20.00	ng	-0.01
86) Perylene-d12	15.28	264	244324	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	750794	73.98	ng	0.00
7) Phenol-d6	6.36	99	862076	71.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	772594	80.48	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	144968	74.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1319108	92.25	ng	-0.01
78) Terphenyl-d14	12.82	244	752728	62.07	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	189010	37.320	ng	97
3) Pyridine	3.08	79	481941	34.846	ng	93
4) n-Nitrosodimethylamine	3.05	42	198781	34.321	ng	97
6) Aniline	6.39	93	584968	34.282	ng	100
8) 2-Chlorophenol	6.50	128	382511	37.582	ng	99
9) Benzaldehyde	6.27	77	276996	32.948	ng	99
10) Phenol	6.37	94	476171	34.799	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	361153	34.676	ng	96
12) 1,3-Dichlorobenzene	6.66	146	448641	38.238	ng	98
13) 1,4-Dichlorobenzene	6.74	146	449933	38.430	ng	99
14) 1,2-Dichlorobenzene	6.89	146	421845	38.928	ng	99
15) Benzyl Alcohol	6.87	79	321741	36.327	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	609922	31.768	ng	99
17) 2-Methylphenol	6.98	107	328584	35.787	ng	98
18) Hexachloroethane	7.23	117	144908	35.148	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	269635	33.981	ng	98
20) 3+4-Methylphenols	7.13	107	386582	35.066	ng	# 70
22) Acetophenone	7.14	105	518546	38.149	ng	# 92
24) Nitrobenzene	7.31	77	399181	38.696	ng	98
25) Isophorone	7.55	82	664371	35.024	ng	99
26) 2-Nitrophenol	7.62	139	197919	45.839	ng	97
27) 2,4-Dimethylphenol	7.66	122	300725	37.294	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	412263	35.994	ng	99
29) 2,4-Dichlorophenol	7.86	162	298007	38.921	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	321160	40.100	ng	98
31) Naphthalene	8.03	128	1082052	38.385	ng	100
32) Benzoic acid	7.79	122	37394	6.115	ng	95
33) 4-Chloroaniline	8.08	127	447837	37.221	ng	96
34) Hexachlorobutadiene	8.14	225	178686	42.150	ng	97
35) Caprolactam	8.45	113	87398	33.249	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	301146	35.931	ng	98
37) 2-Methylnaphthalene	8.72	142	689669	37.163	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	281932	44.611	ng	98
40) Hexachlorocyclopentadiene	8.87	237	28955	8.378	ng	98

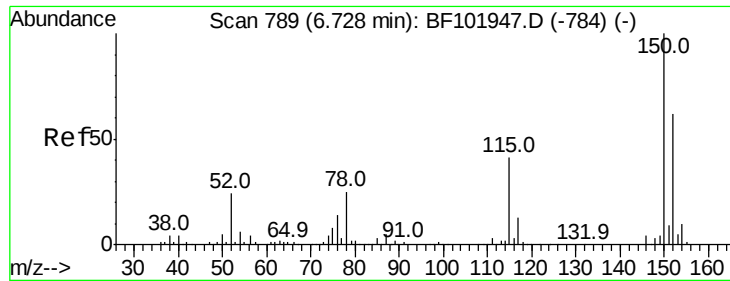
Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	183128	42.049	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	201181	40.872	nq	98
45) 1,1'-Biphenyl	9.18	154	813575	41.204	nq	99
46) 2-Chloronaphthalene	9.20	162	626906	40.943	nq	99
47) 2-Nitroaniline	9.30	65	192004	41.862	nq	98
48) Acenaphthylene	9.62	152	932075	38.358	nq	99
49) Dimethylphthalate	9.49	163	740938	41.346	nq	100
50) 2,6-Dinitrotoluene	9.55	165	152210	42.521	nq	97
51) Acenaphthene	9.79	154	548046	37.159	nq	99
52) 3-Nitroaniline	9.72	138	172829	38.256	nq	90
53) 2,4-Dinitrophenol	9.82	184	7568	13.591	nq	# 21
54) Dibenzofuran	9.96	168	765813	37.834	nq	98
55) 4-Nitrophenol	9.87	139	100816	29.945	nq	97
56) 2,4-Dinitrotoluene	9.95	165	183493	40.898	nq	97
57) Fluorene	10.30	166	558098	39.885	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	124007	35.387	nq	99
59) Diethylphthalate	10.18	149	695466	39.014	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	257371	43.195	nq	99
61) 4-Nitroaniline	10.32	138	146829	34.246	nq	95
62) Azobenzene	10.46	77	591837	33.370	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	21392	16.934	nq	86
65) n-Nitrosodiphenylamine	10.42	169	514935	44.614	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	148437	45.602	nq	94
67) Hexachlorobenzene	10.85	284	152704	42.973	nq	96
68) Atrazine	10.95	200	146314	43.865	nq	99
69) Pentachlorophenol	11.04	266	81698	37.703	nq	98
70) Phenanthrene	11.26	178	698650	38.804	nq	99
71) Anthracene	11.31	178	702789	38.488	nq	100
72) Carbazole	11.47	167	645295	35.954	nq	99
73) Di-n-butylphthalate	11.80	149	1609368	73.088	nq	99
74) Fluoranthene	12.45	202	630250	35.579	nq	98
76) Benzidine	12.57	184	291940	24.010	nq	99
77) Pyrene	12.67	202	658558	29.588	nq	99
79) Butylbenzylphthalate	13.30	149	329018	32.211	nq	93
80) Benzo(a)anthracene	13.86	228	596667	37.139	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	242991	40.849	nq	98
82) Chrysene	13.90	228	616900	36.825	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	425890	36.346	nq	99
84) Di-n-octyl phthalate	14.47	149	798658	41.074	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	475441	38.994	nq	100
87) Benzo(b)fluoranthene	14.88	252	605770	38.025	nq	98
88) Benzo(k)fluoranthene	14.91	252	586456	38.161	nq	98
89) Benzo(a)pyrene	15.23	252	545818	38.075	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	404912	35.394	nq	98
91) Benzo(g,h,i)perylene	17.07	276	372574	32.331	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

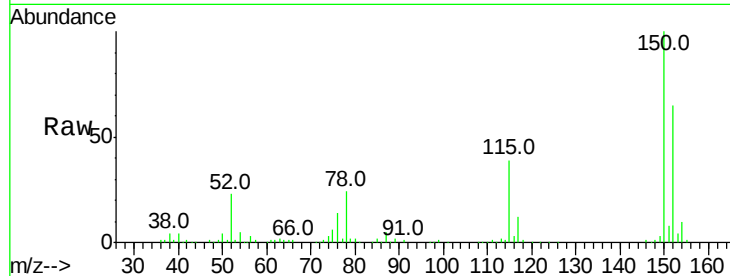


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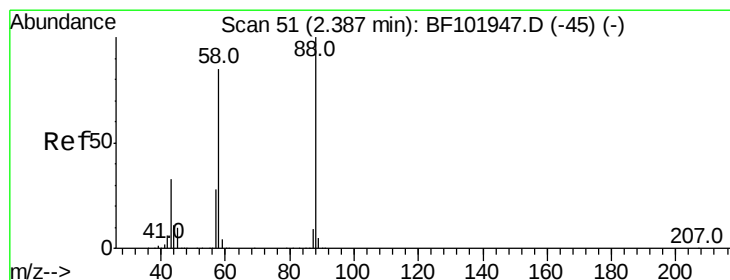
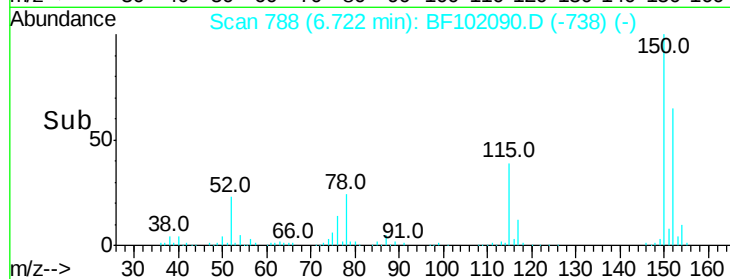
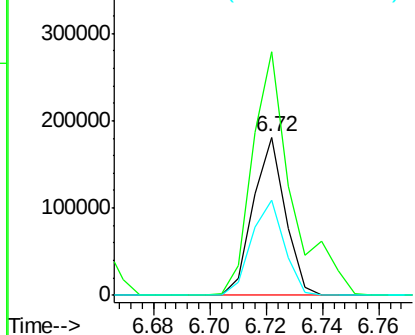
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143303
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.7 50.1 75.1



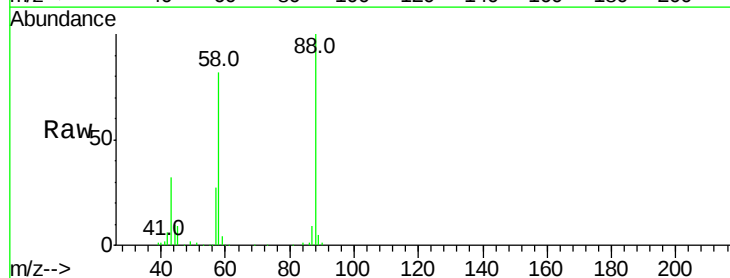
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



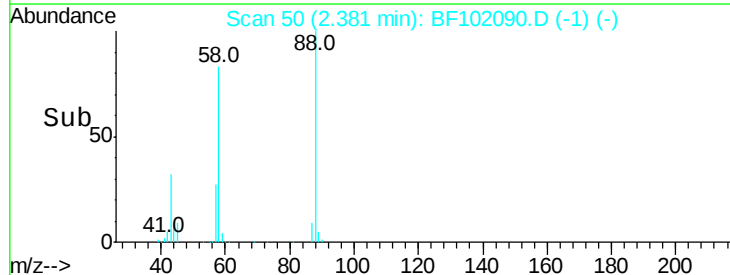
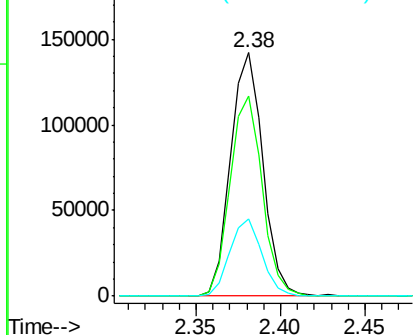
#2

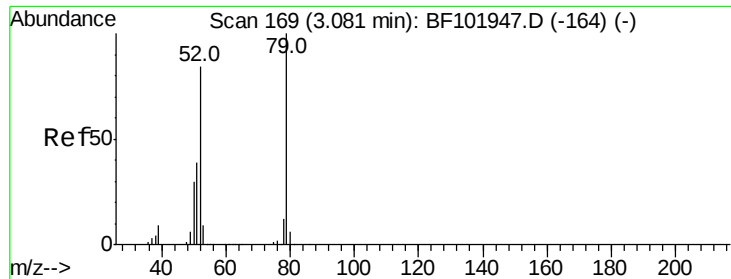
1,4-Dioxane
Concen: 37.320 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion: 88 Resp: 189010
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 31.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.846 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

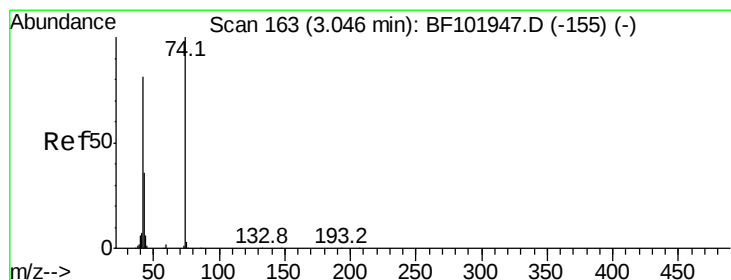
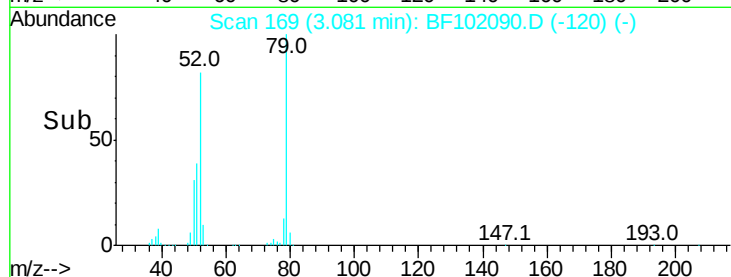
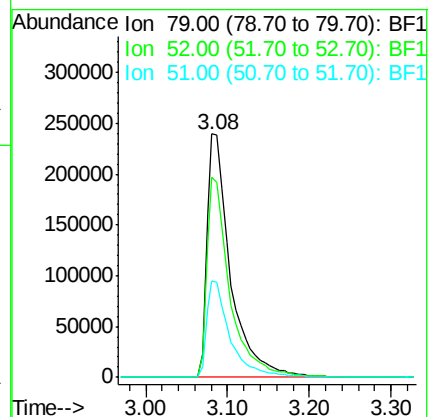
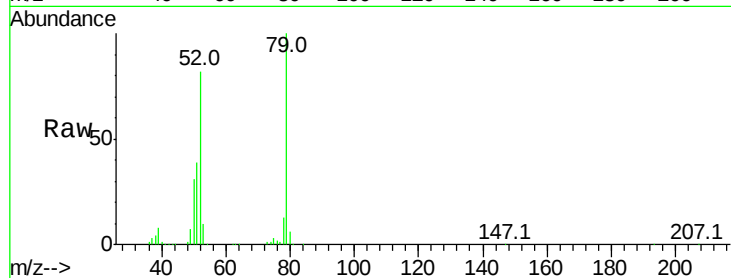
Tot Ion: 79 Resp: 481941

Ion Ratio Lower Upper

79 100

52 82.4 59.8 89.6

51 39.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.321 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

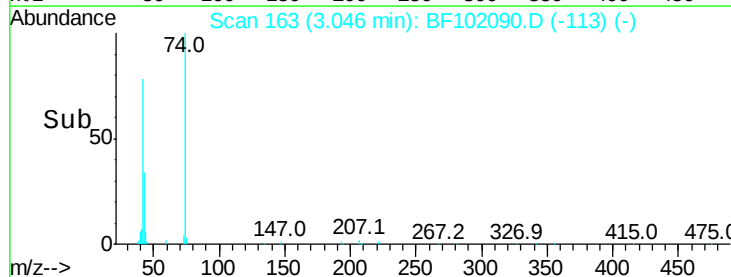
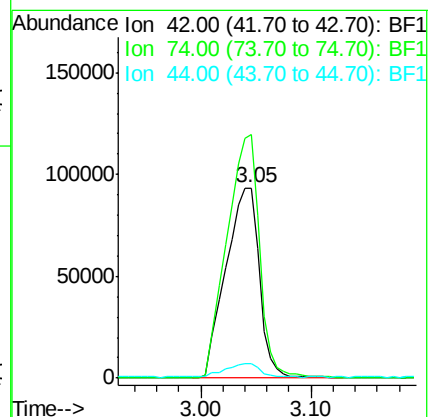
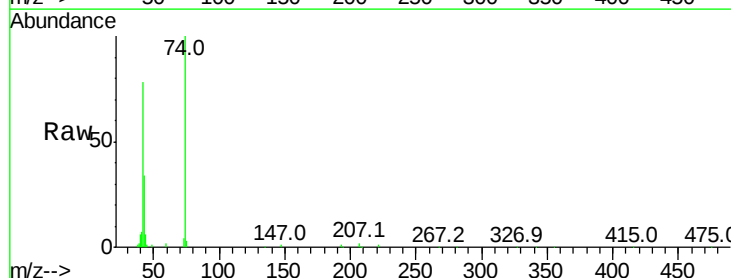
Tgt Ion: 42 Resp: 198781

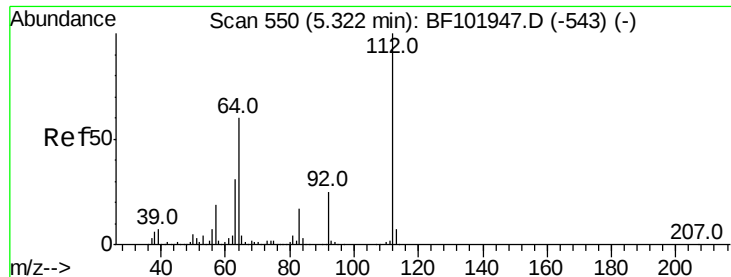
Ion Ratio Lower Upper

42 100

74 127.8 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 73.982 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

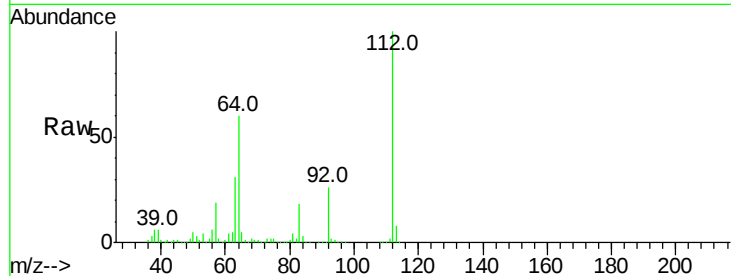
Tot Ion:112 Resp: 750794

Ion Ratio Lower Upper

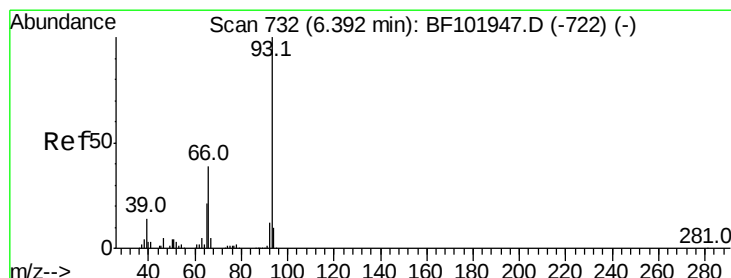
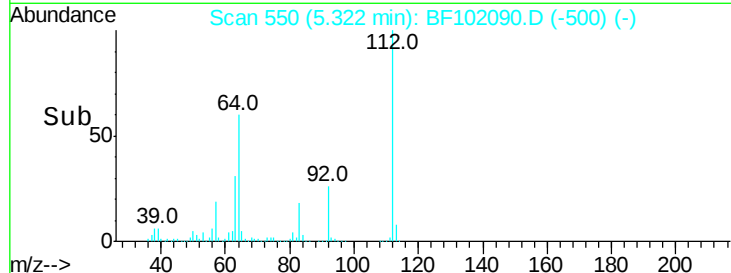
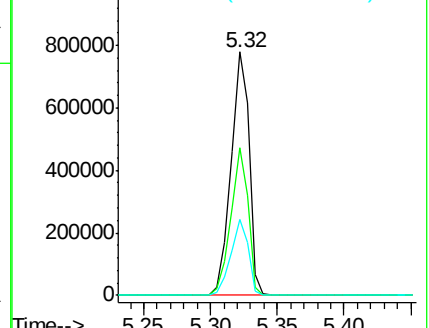
112 100

64 60.4 47.9 71.9

63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.282 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

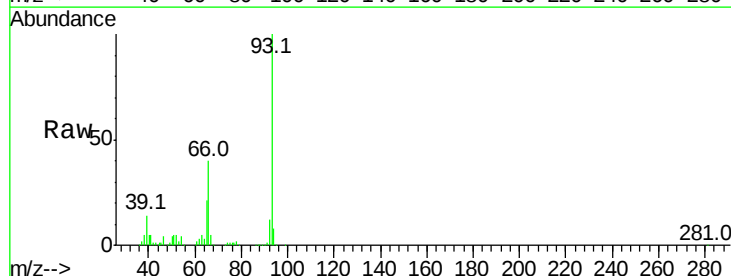
Tgt Ion: 93 Resp: 584968

Ion Ratio Lower Upper

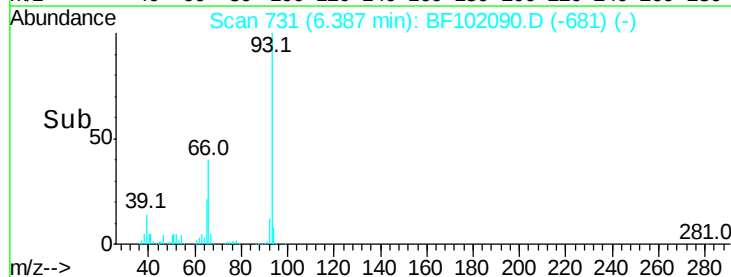
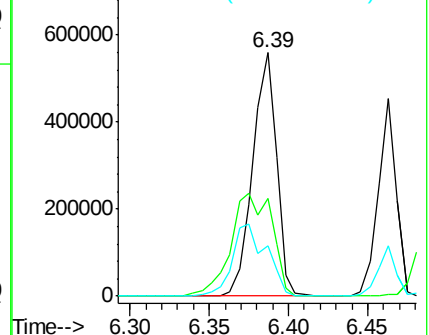
93 100

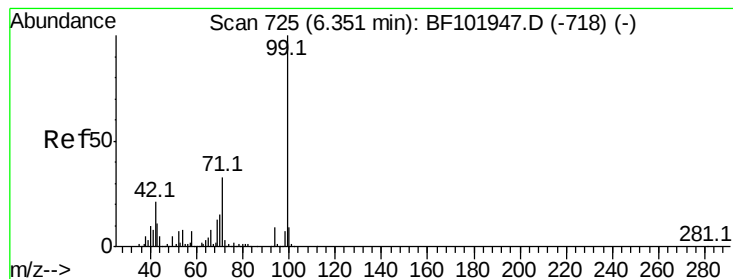
66 40.3 32.2 48.2

65 20.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.199 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

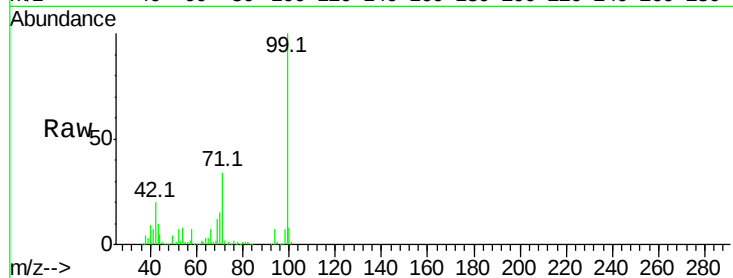
Tot Ion: 99 Resp: 862076

Ion Ratio Lower Upper

99 100

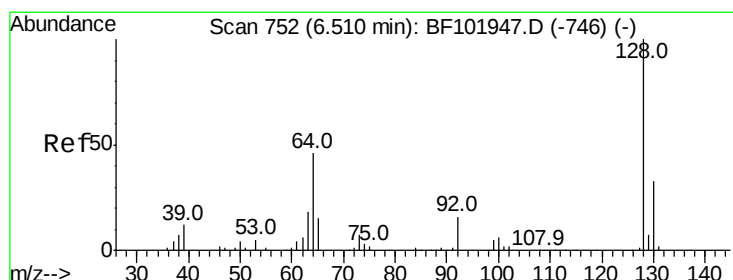
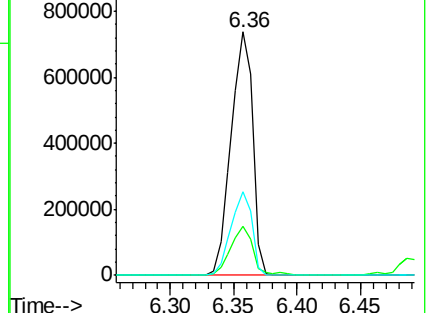
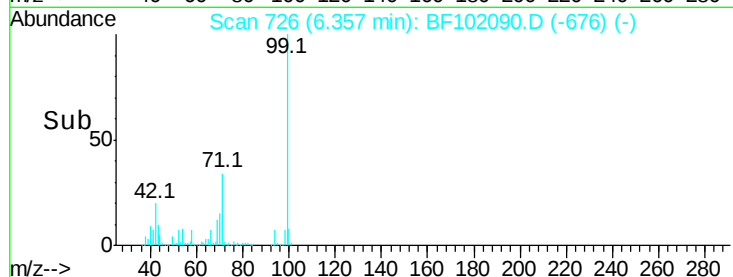
42 20.2 14.5 21.7

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.36



#8

2-Chlorophenol

Concen: 37.582 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

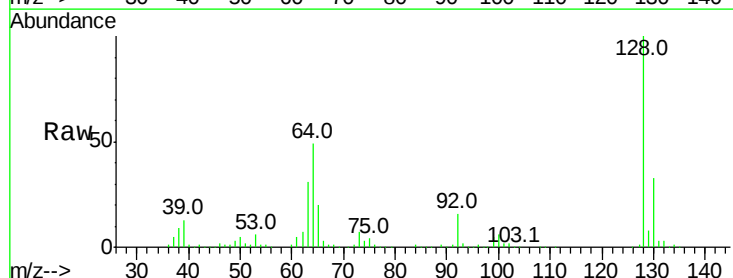
Tgt Ion:128 Resp: 382511

Ion Ratio Lower Upper

128 100

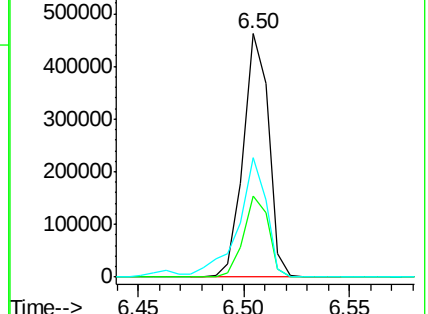
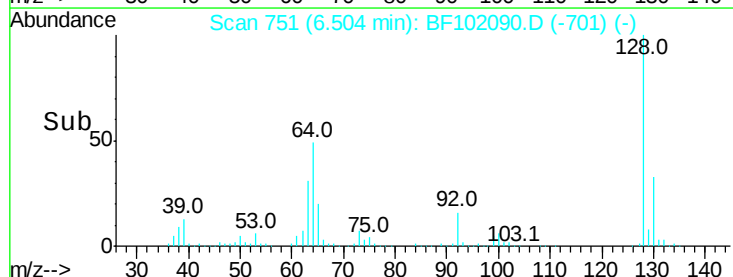
130 33.4 13.0 53.0

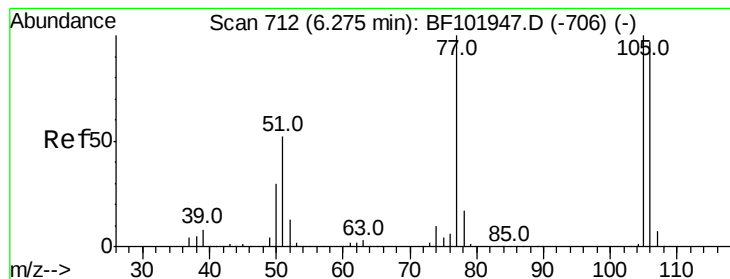
64 49.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.50





#9

Benzaldehyde

Concen: 32.948 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampled :

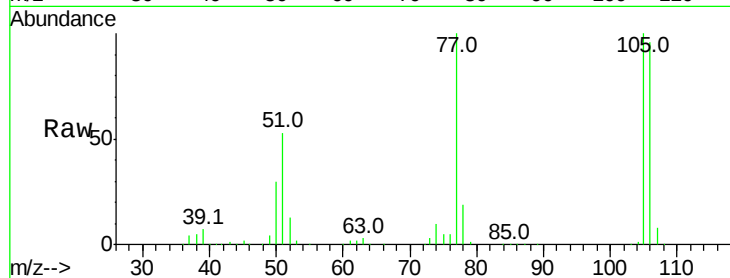
Tot Ion: 77 Resp: 276996

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

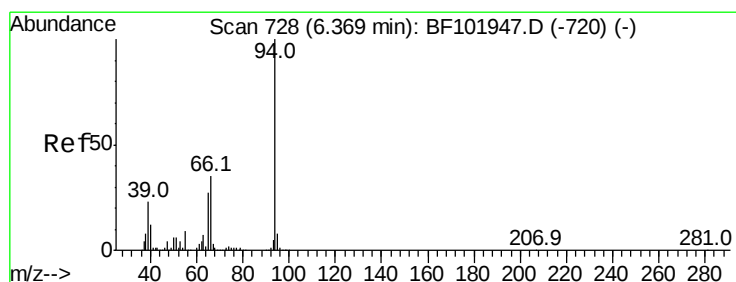
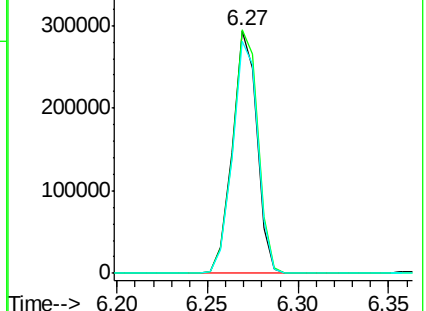
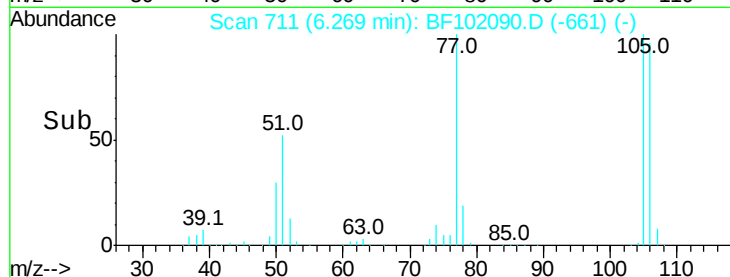
106 96.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.799 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

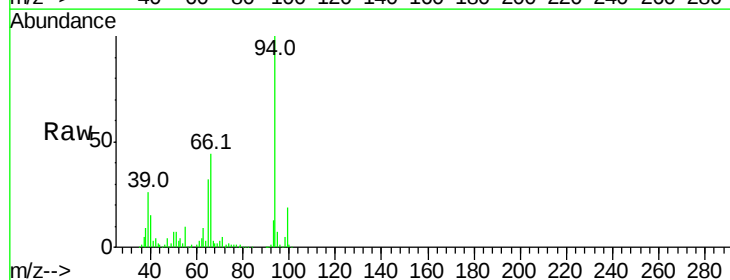
Tgt Ion: 94 Resp: 476171

Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

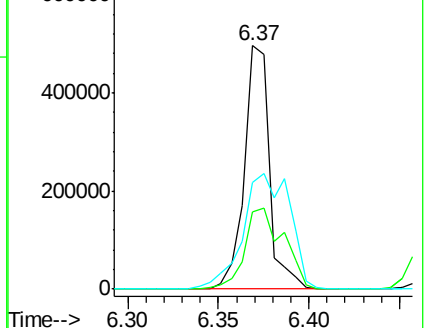
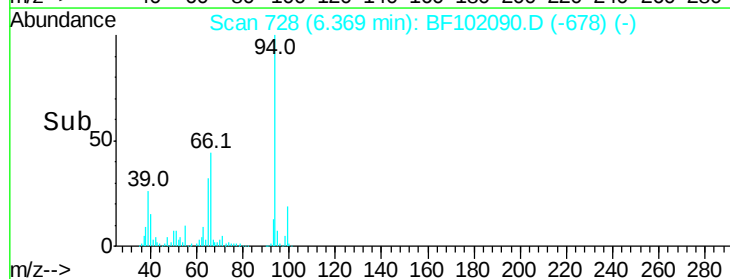
66 44.0 16.2 56.2

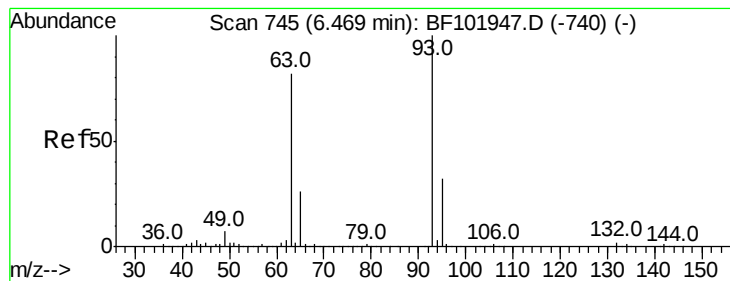


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.676 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

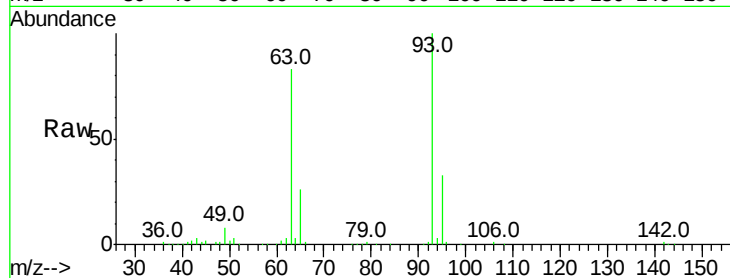
Tot Ion: 93 Resp: 361153

Ion Ratio Lower Upper

93 100

63 83.4 58.6 98.6

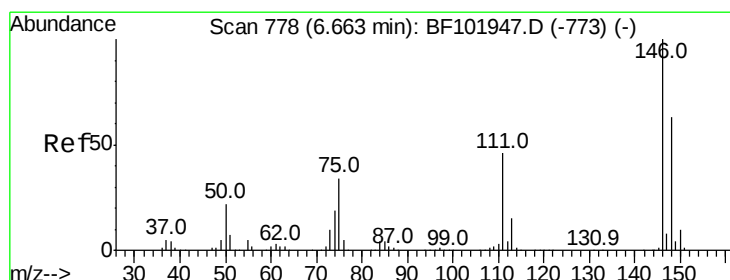
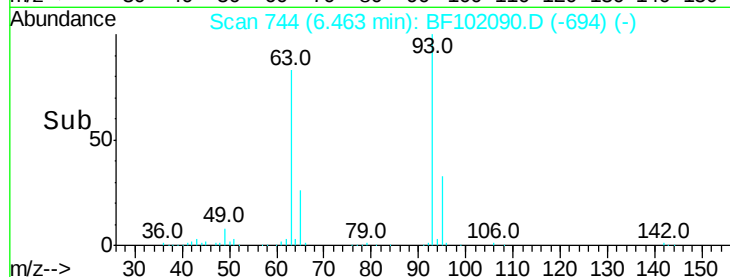
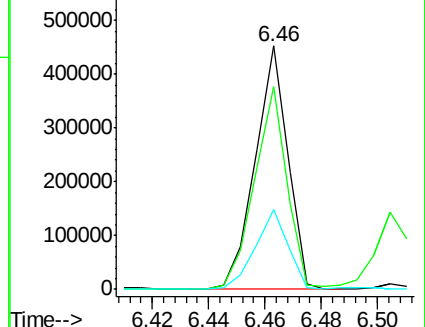
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.238 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

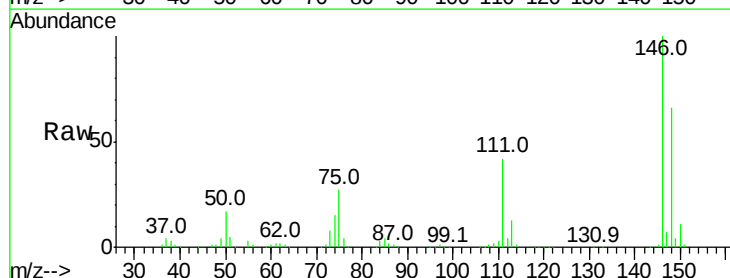
Tgt Ion: 146 Resp: 448641

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

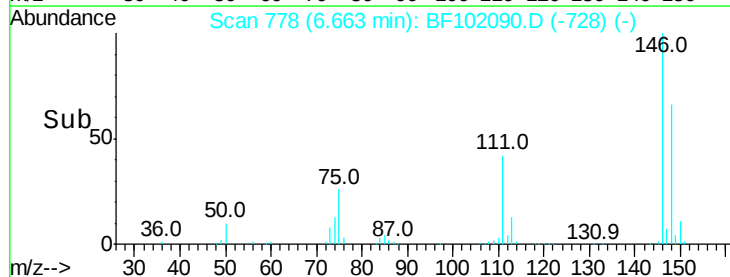
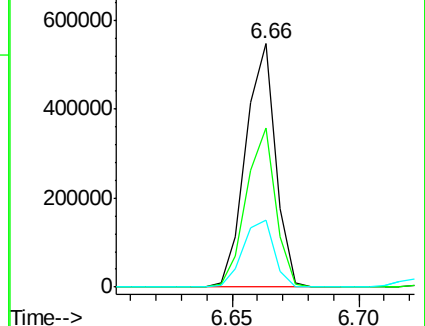
75 27.4 24.2 36.4

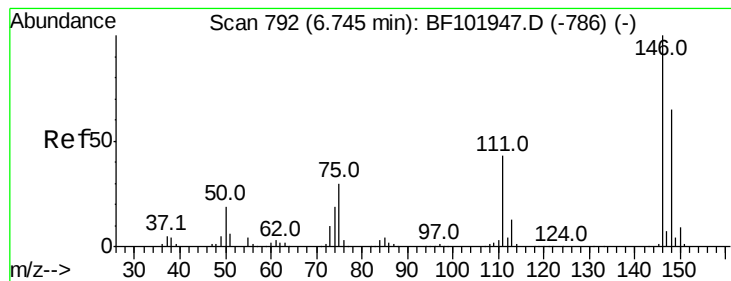


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.430 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

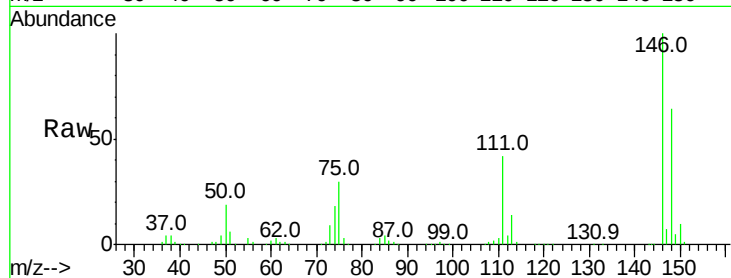
Tot Ion:146 Resp: 449933

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

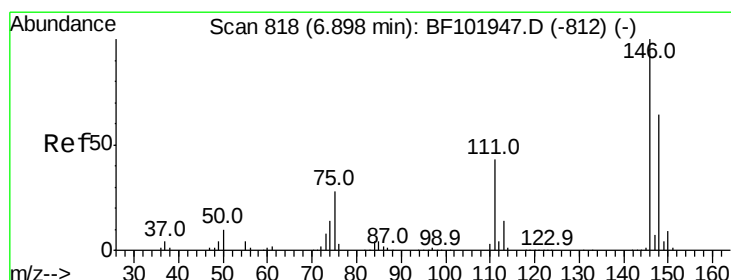
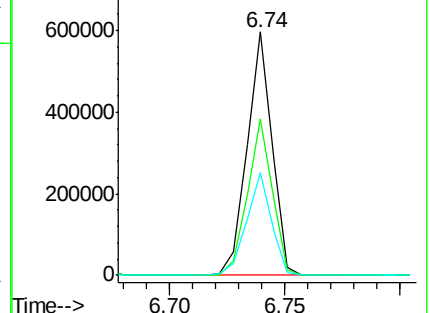
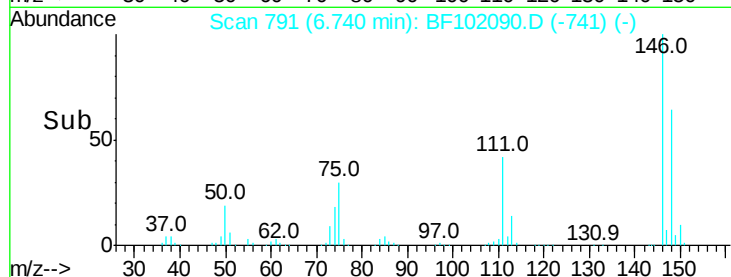
111 42.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.928 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

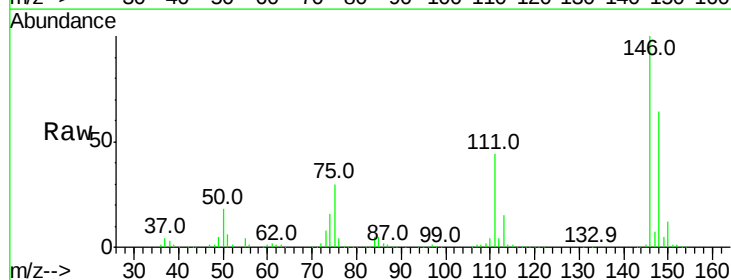
Tgt Ion:146 Resp: 421845

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

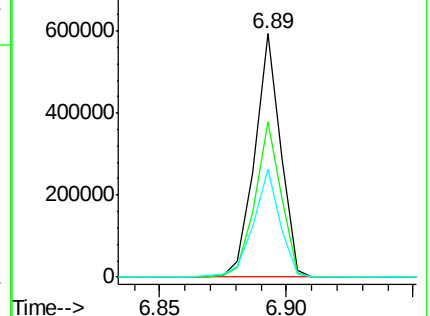
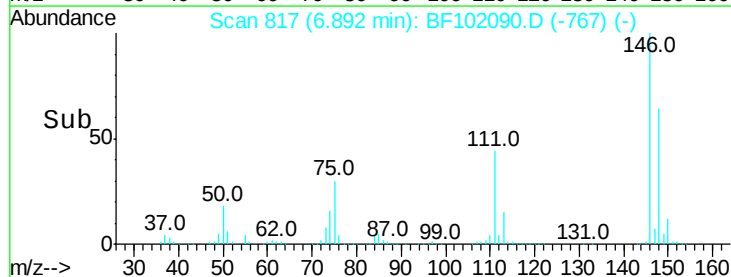
111 44.2 36.0 54.0

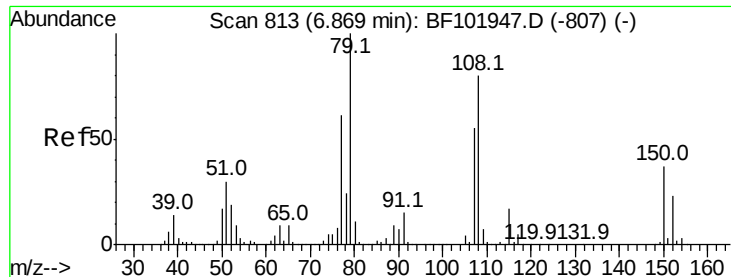


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

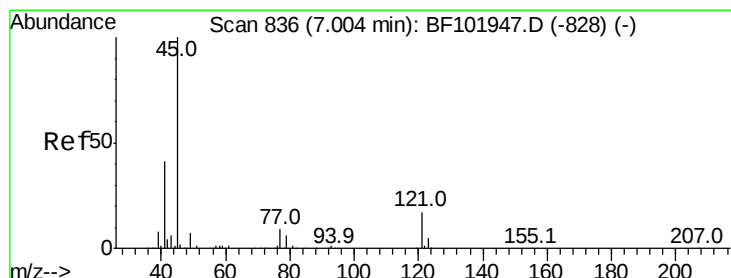
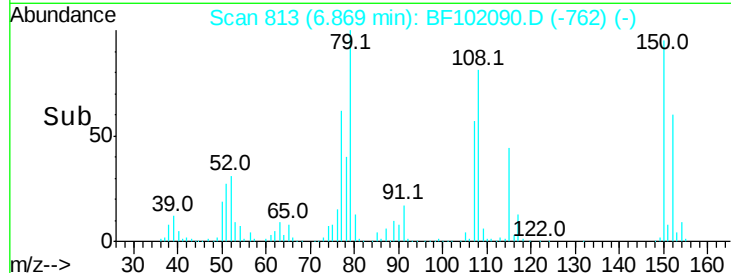
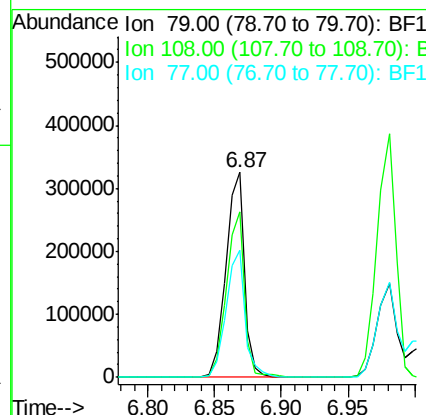
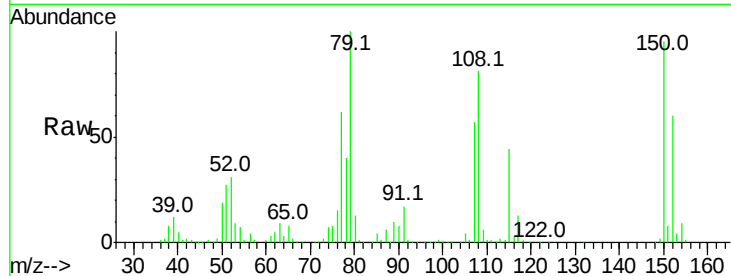




#15
Benzyl Alcohol
Concen: 36.327 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

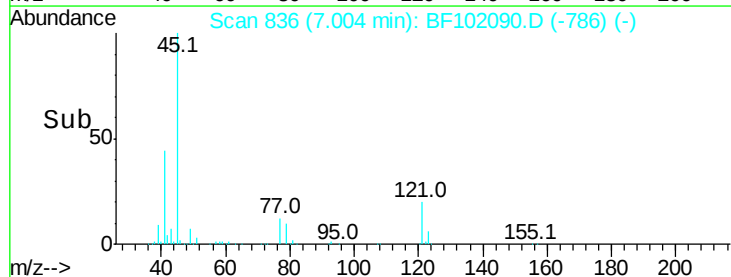
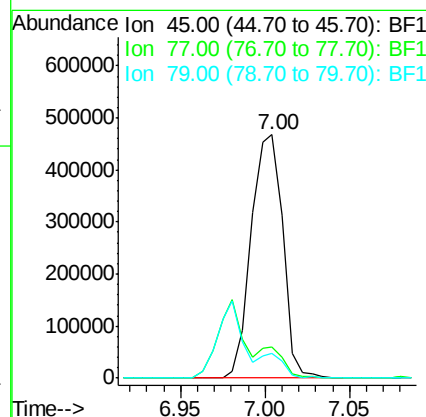
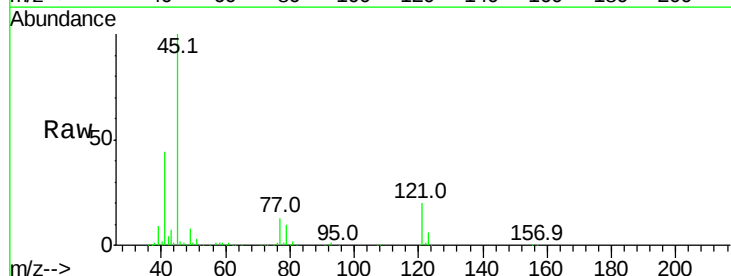
Instrument :
BNA_F
ClientSampleId :

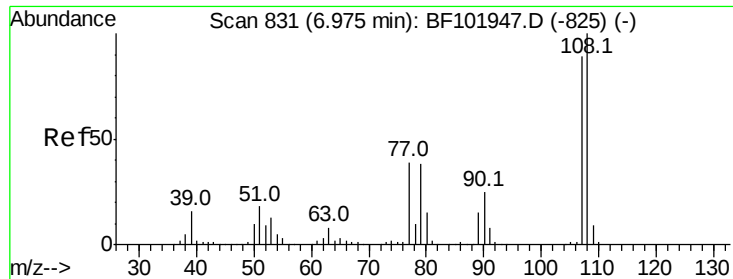
Tot Ion: 79 Resp: 321741
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.768 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion: 45 Resp: 609922
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.9
79 10.1 0.0 29.6

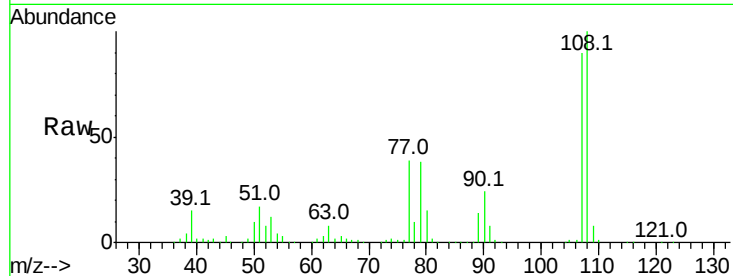




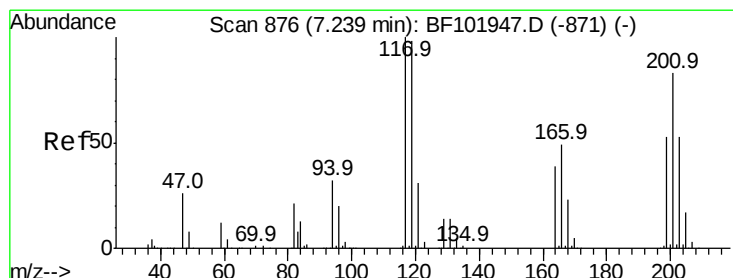
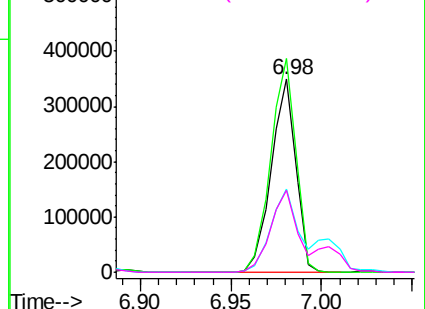
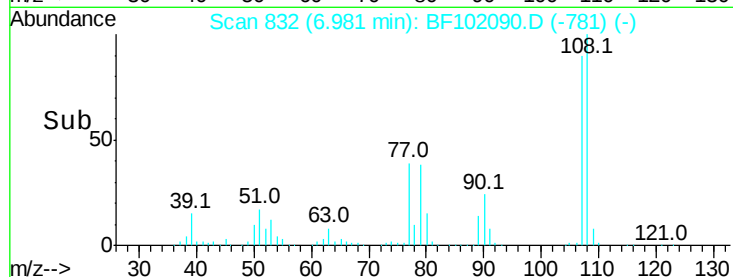
#17
2-Methylphenol
Concen: 35.787 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 328584
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 43.0 33.8 50.8
79 42.6 33.8 50.8

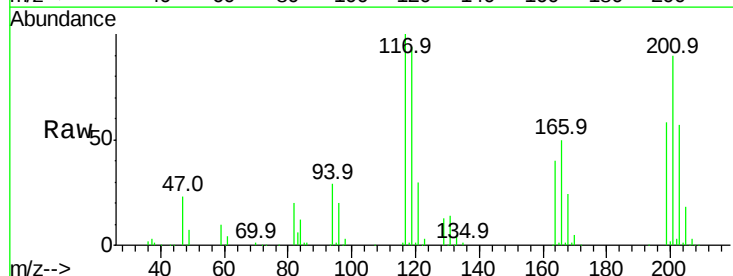


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

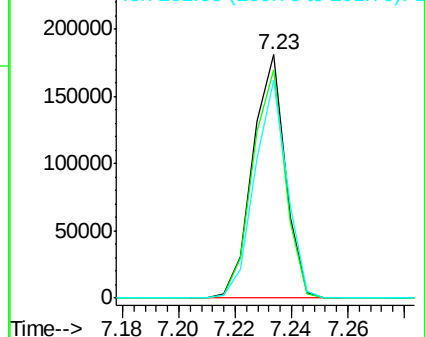
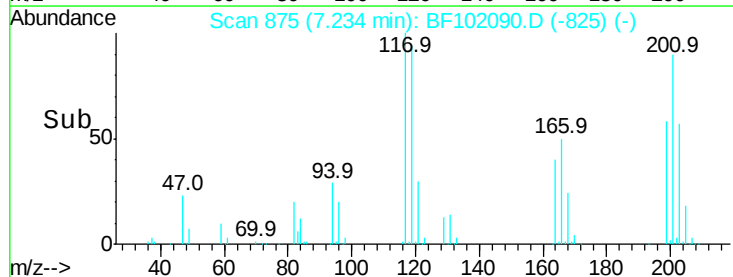


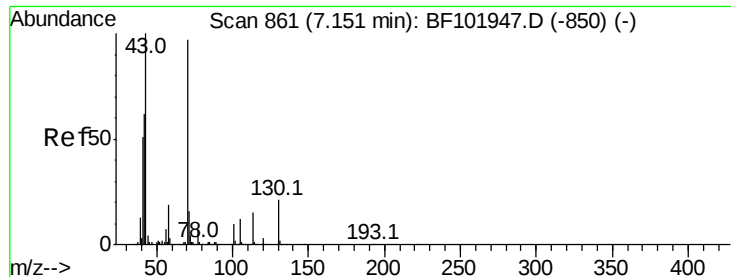
#18
Hexachloroethane
Concen: 35.148 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:117 Resp: 144908
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
201 89.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

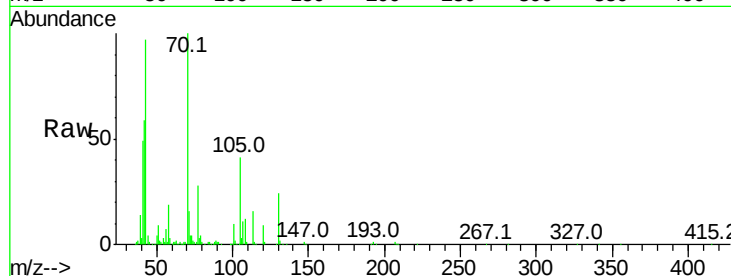




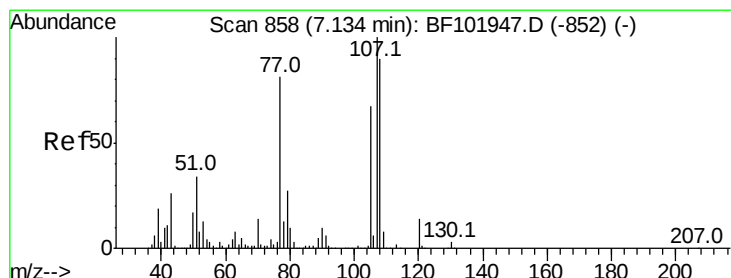
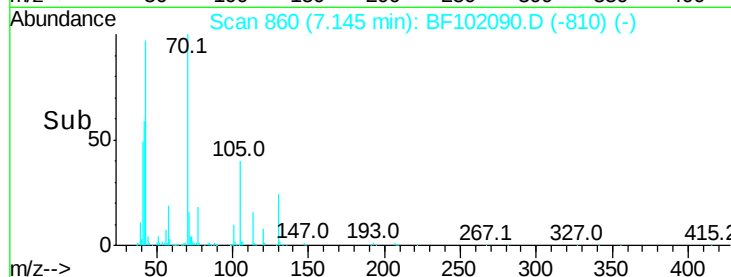
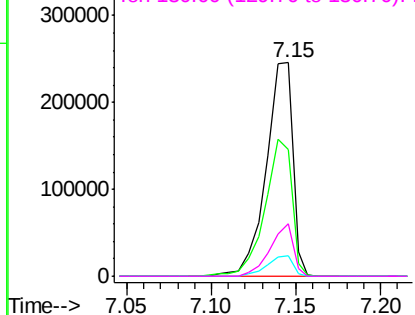
#19
n-Nitroso-di-n-propylamine
Concen: 33.981 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 269635
Ion Ratio Lower Upper
70 100
42 59.1 47.5 71.3
101 9.7 7.4 11.2
130 24.5 16.6 25.0

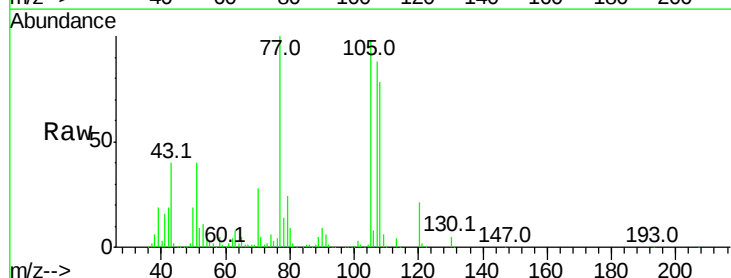


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

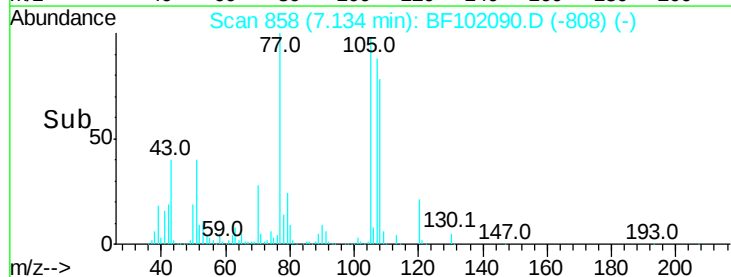
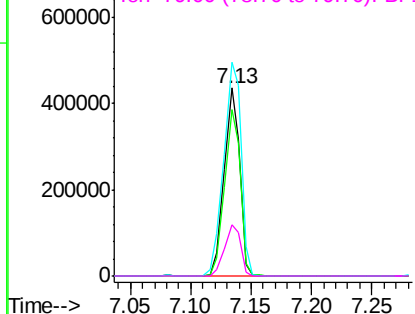


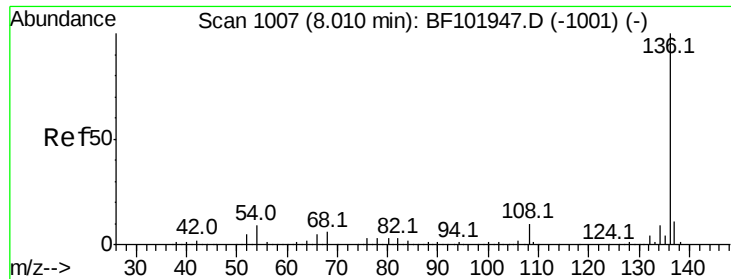
#20
3+4-Methylphenols
Concen: 35.066 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:107 Resp: 386582
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 113.8 26.7 66.7#
79 27.6 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

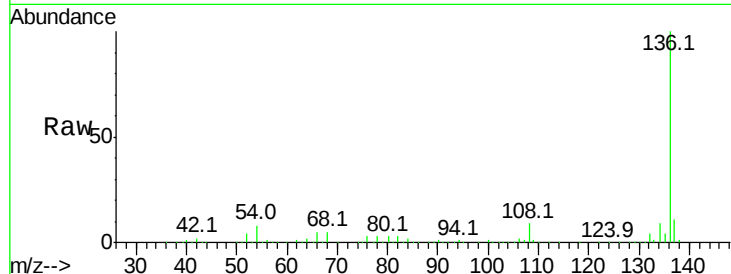




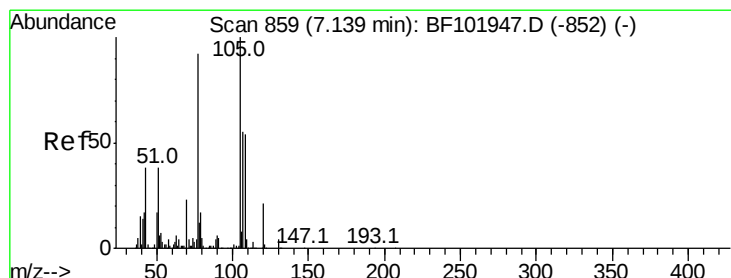
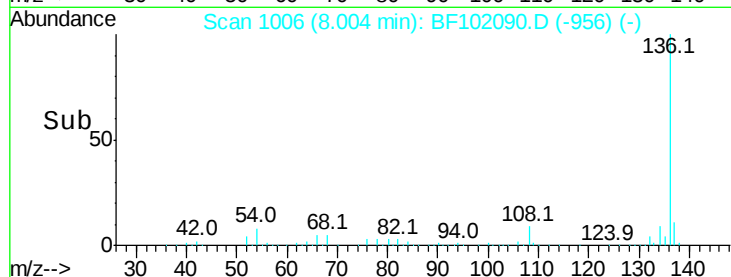
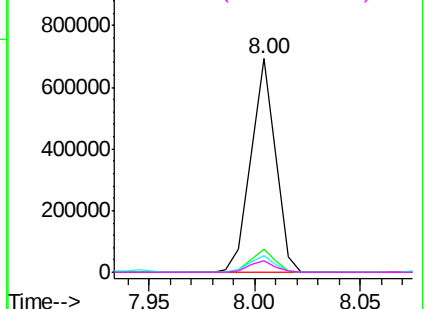
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 564148
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.7	6.6 9.8
68 5.2	5.0 7.4

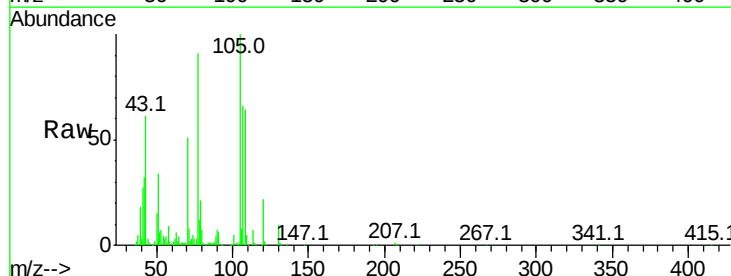


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

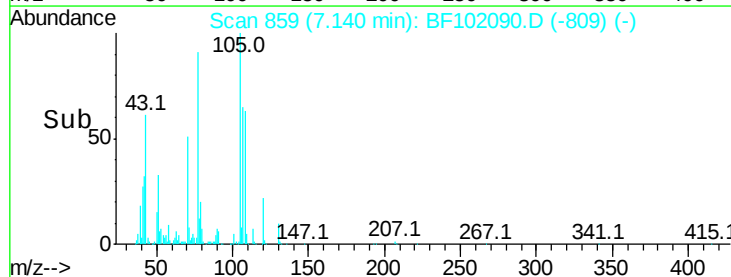
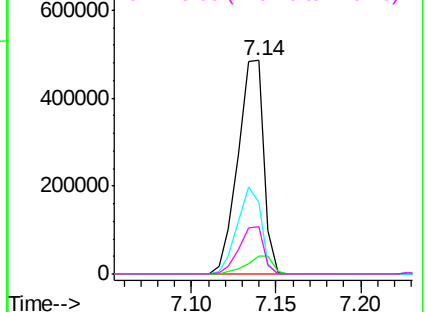


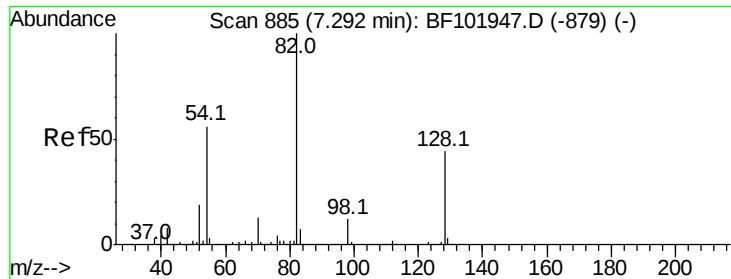
#22
Acetophenone
Concen: 38.149 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:105	Resp: 518546
Ion Ratio	Lower Upper
105 100	
71 8.2	4.4 6.6#
51 33.8	22.3 33.5#
120 22.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

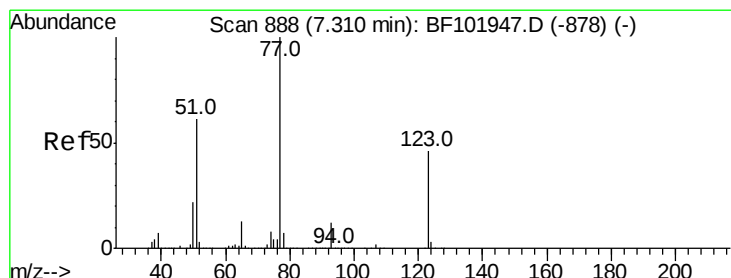
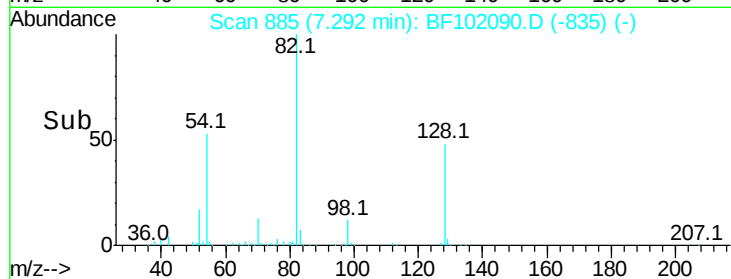
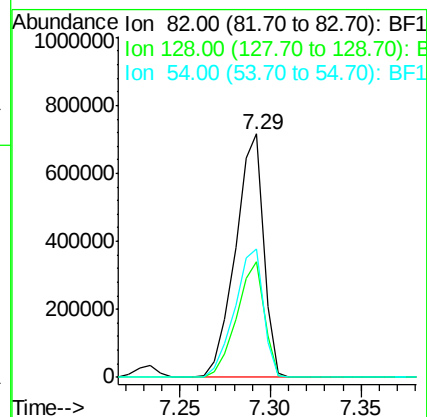
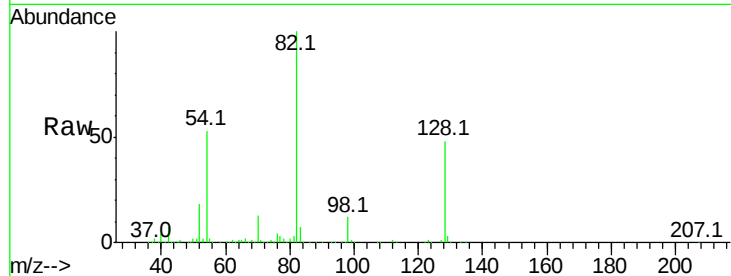




#23
 Nitrobenzene-d5
 Concen: 80.477 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

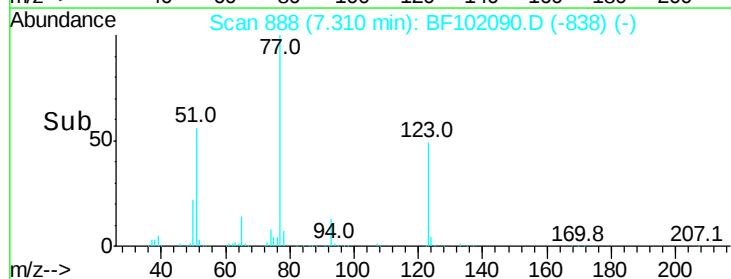
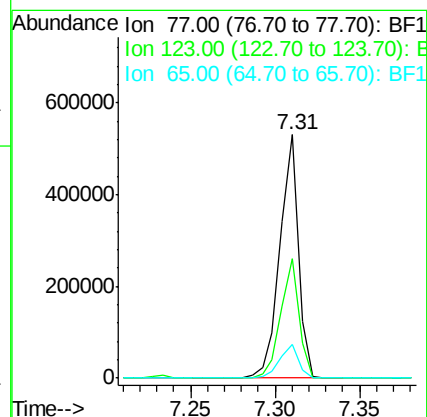
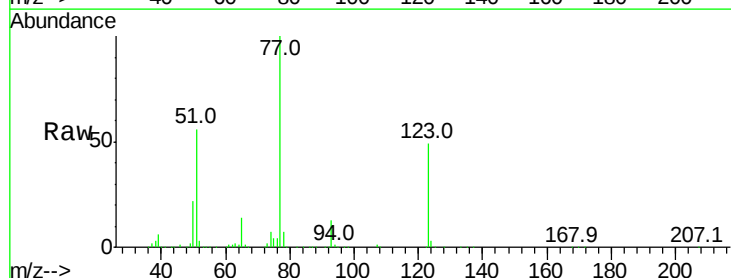
Instrument :
 BNA_F
 ClientSampleId :

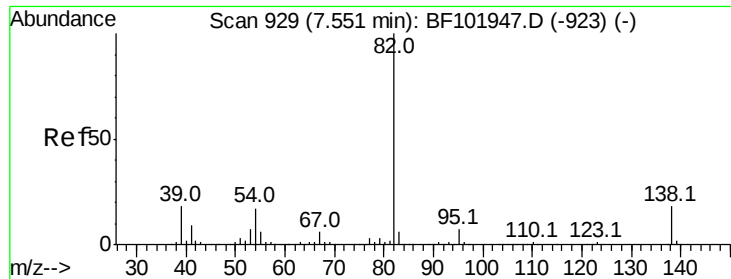
Tot Ion	82	Resp	772594
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	52.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.696 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	77	Resp	399181
Ion Ratio	Lower	Upper	
77	100		
123	49.3	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 35.024 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

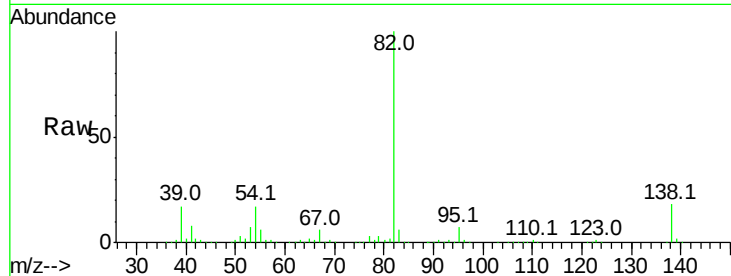
Tot Ion: 82 Resp: 664371

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

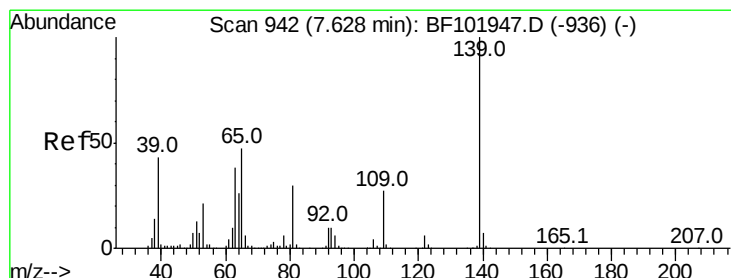
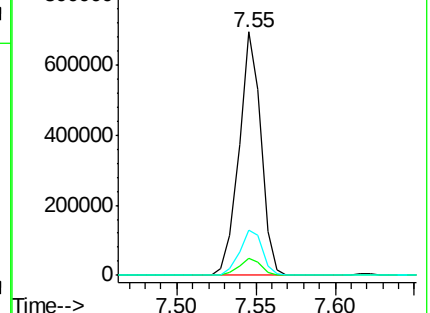
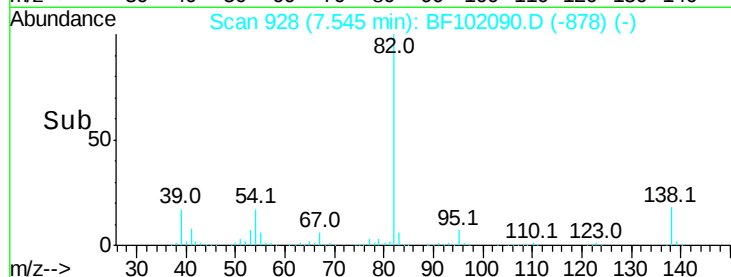
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.839 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

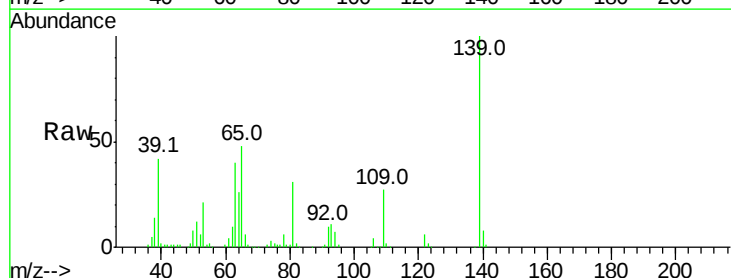
Tgt Ion: 139 Resp: 197919

Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

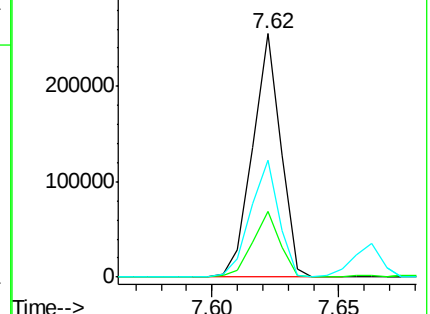
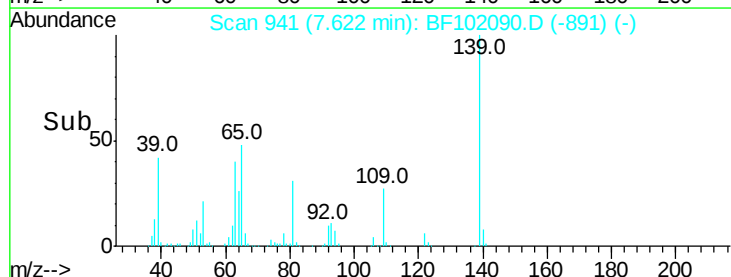
65 48.0 40.5 60.7

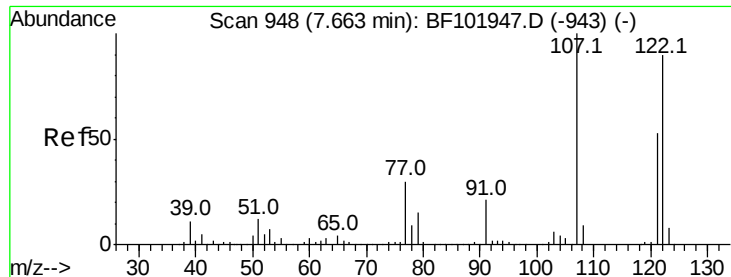


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

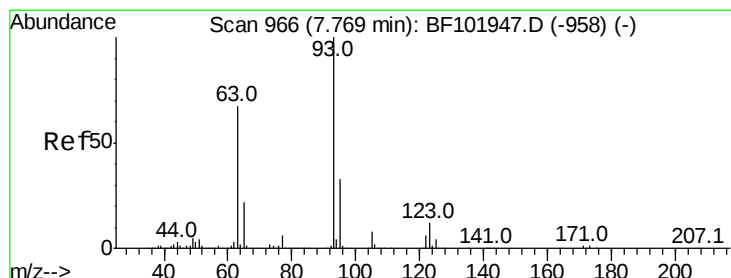
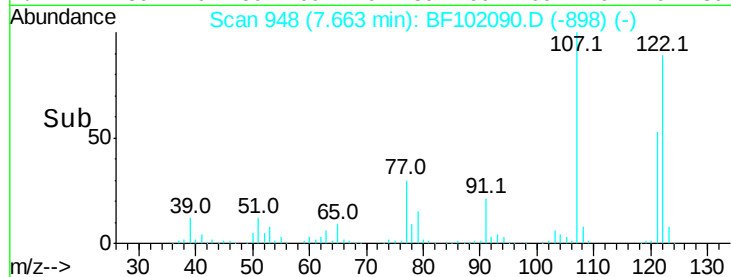
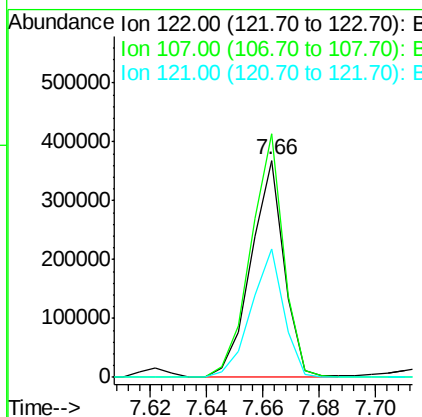
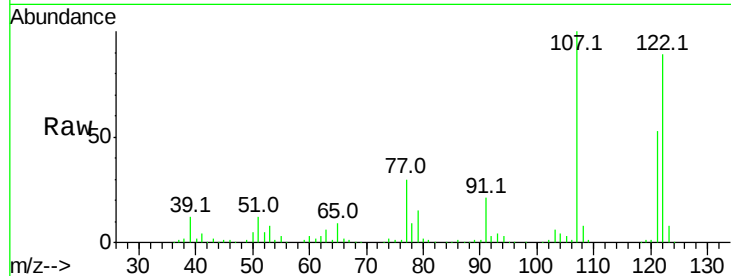




#27
 2,4-Dimethylphenol
 Concen: 37.294 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

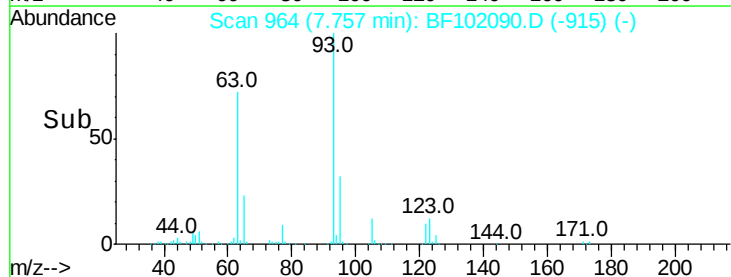
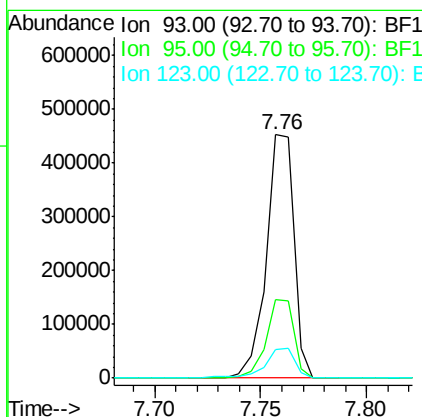
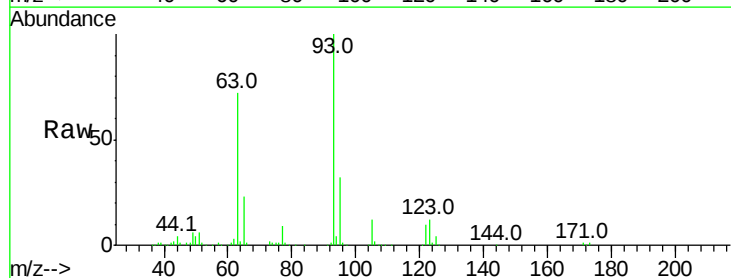
Instrument :
 BNA_F
 ClientSampleId :

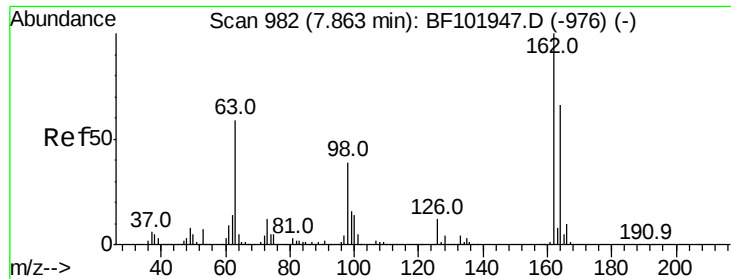
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	59.2	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.994 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	12.0	9.8	14.6

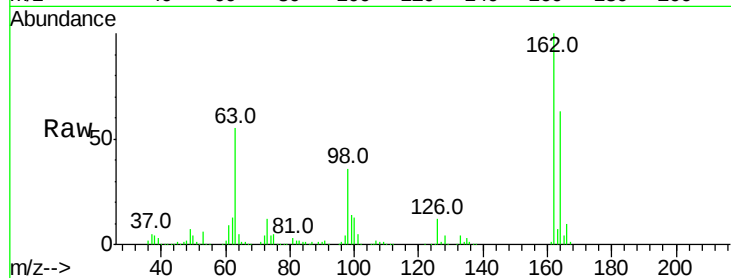




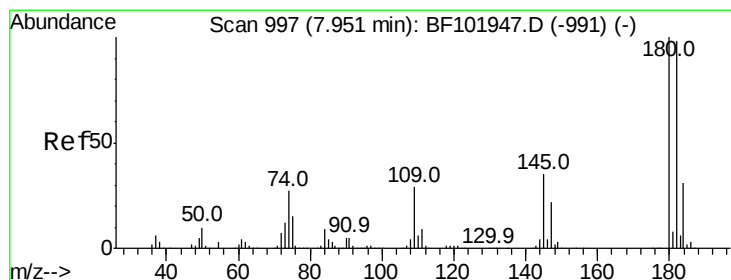
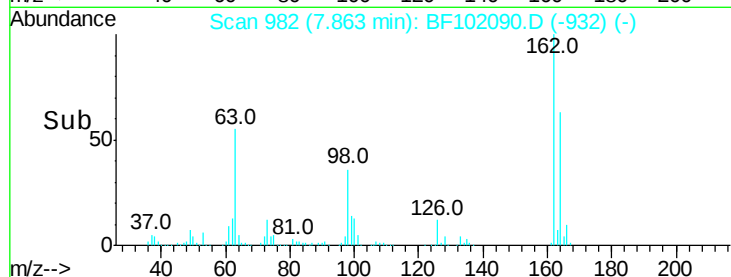
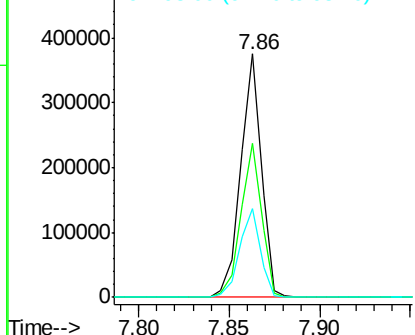
#29
 2,4-Dichlorophenol
 Concen: 38.921 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	36.3	18.1	58.1

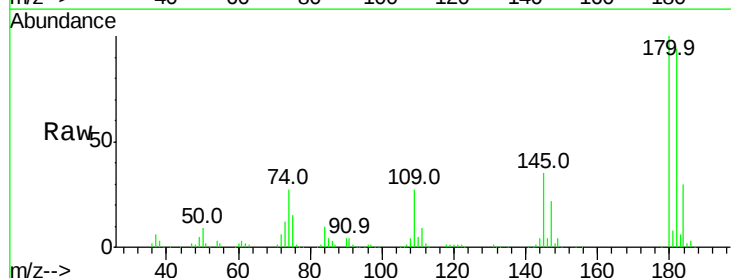


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

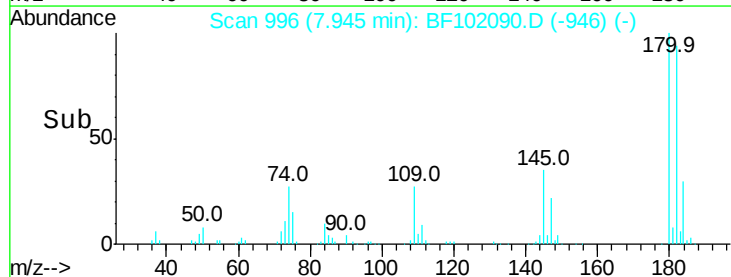
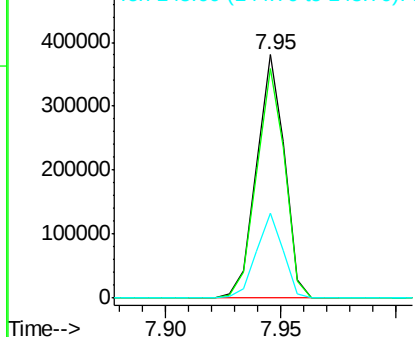


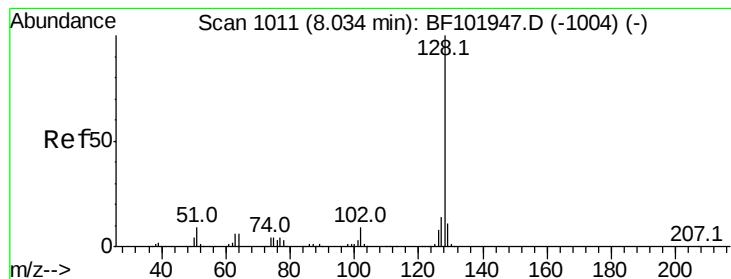
#30
 1,2,4-Trichlorobenzene
 Concen: 40.100 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	34.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.385 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

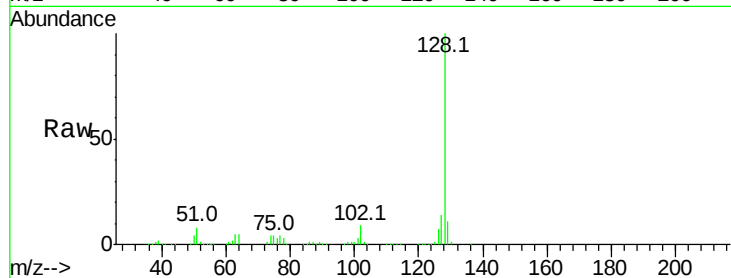
Tot Ion:128 Resp: 1082052

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

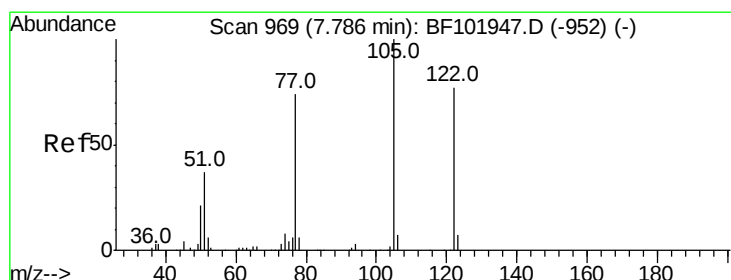
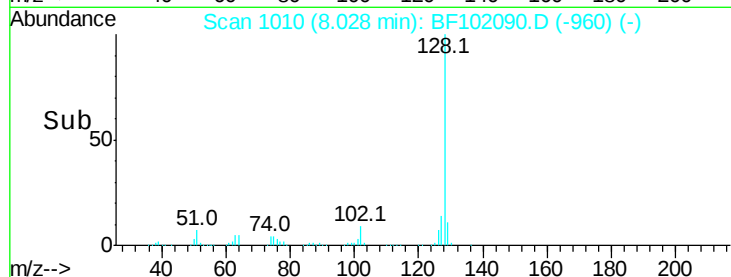
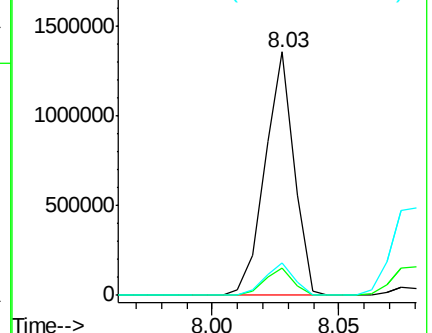
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.115 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

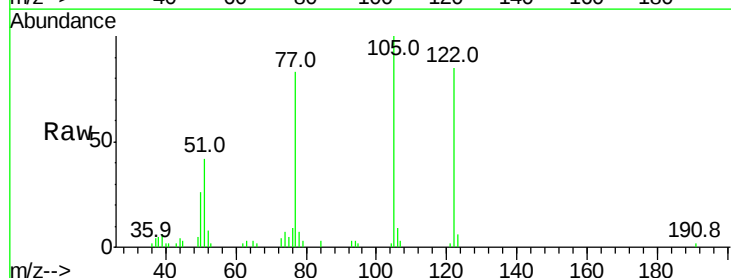
Tgt Ion:122 Resp: 37394

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

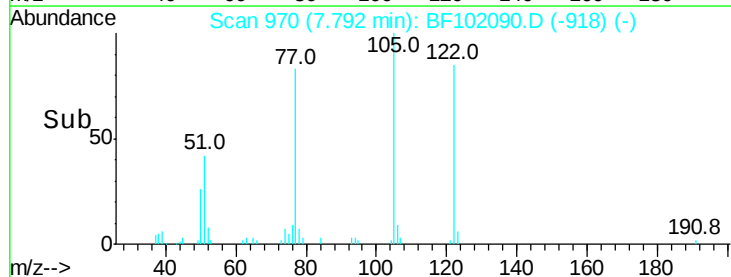
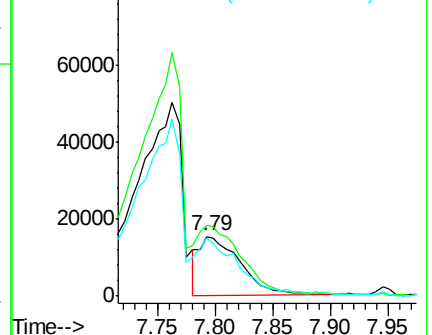
77 97.6 70.7 110.7

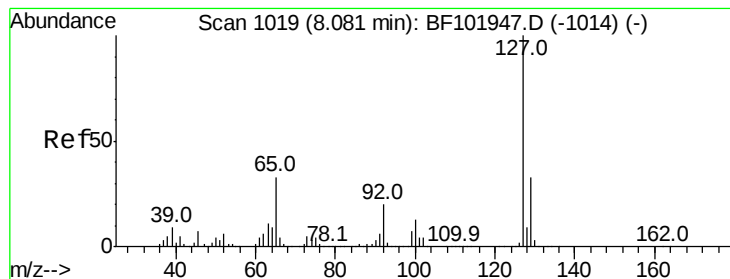


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.221 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 447837

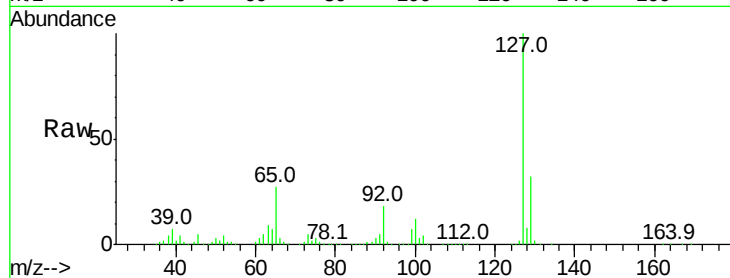
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 27.2 25.0 37.4

92 17.6 15.2 22.8

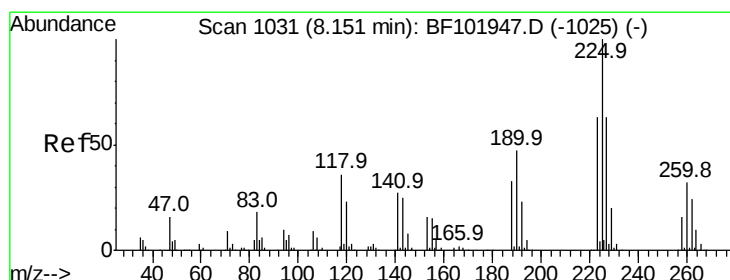
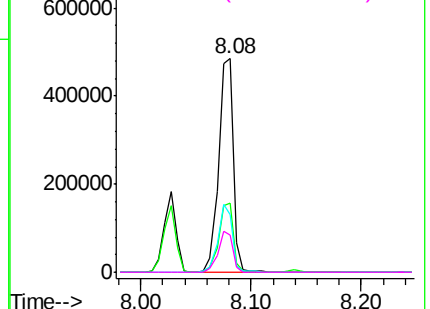
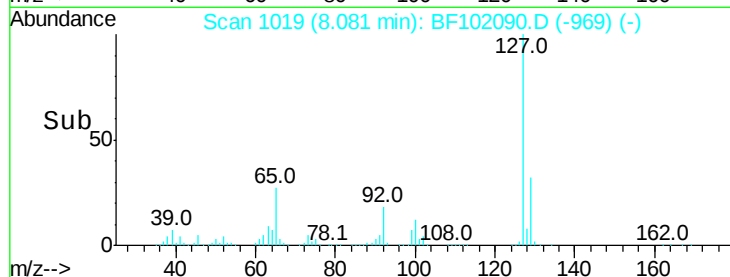


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.150 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

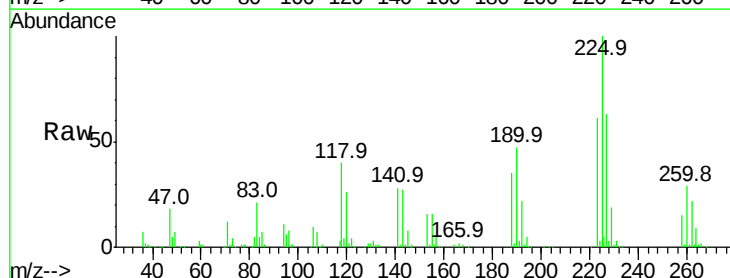
Tgt Ion:225 Resp: 178686

Ion Ratio Lower Upper

225 100

223 61.1 50.6 76.0

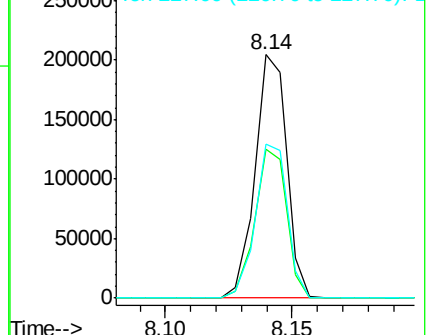
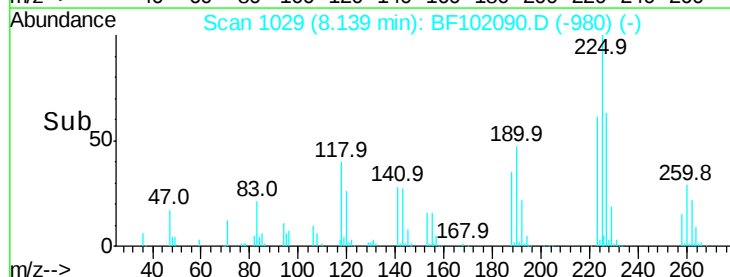
227 63.1 51.9 77.9

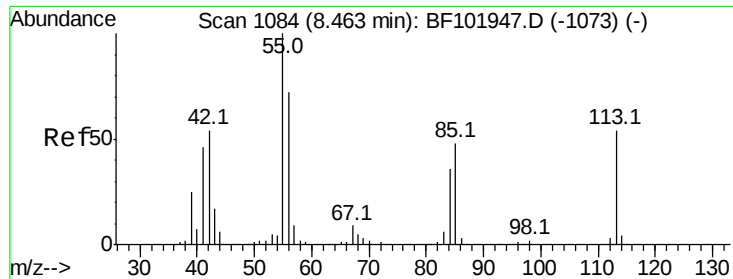


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

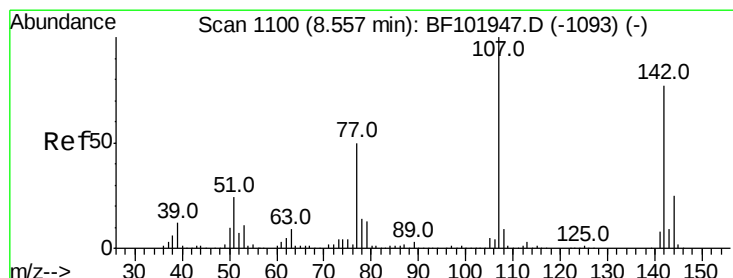
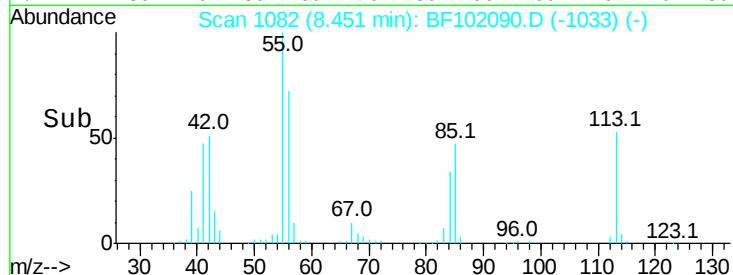
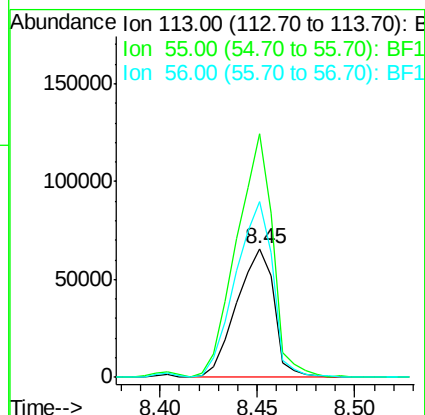
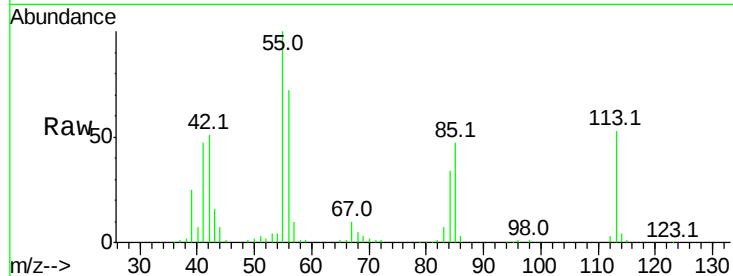




#35
 Caprolactam
 Concen: 33.249 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

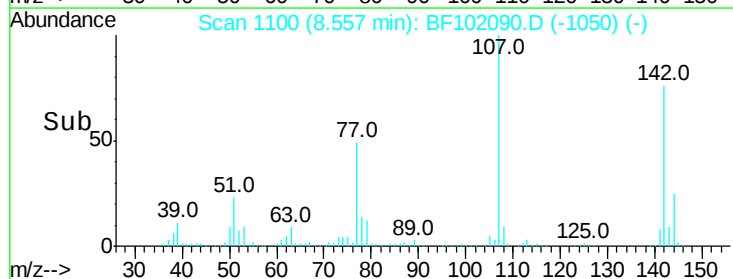
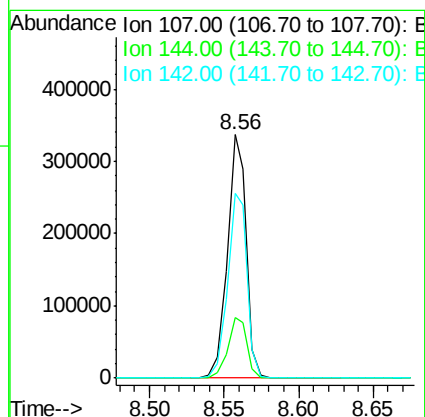
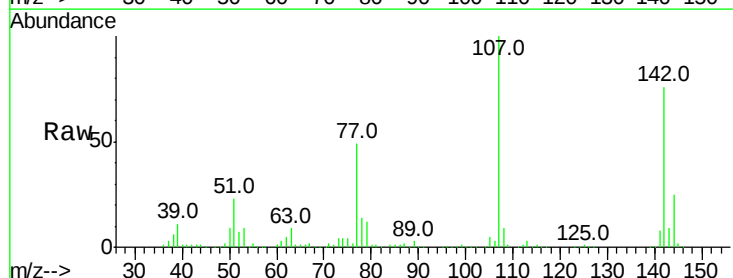
Instrument :
 BNA_F
 ClientSampleId :

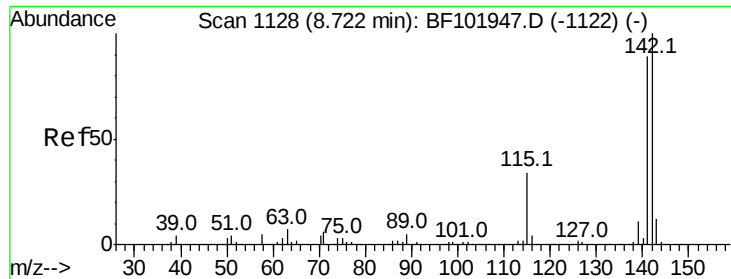
Tot Ion:113 Resp: 87398
 Ion Ratio Lower Upper
 113 100
 55 188.9 163.3 203.3
 56 136.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.931 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:107 Resp: 301146
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.8 62.0 93.0

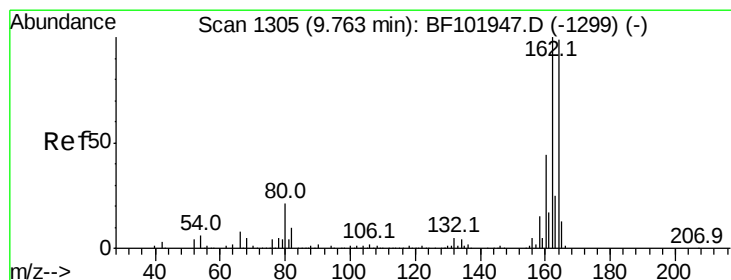
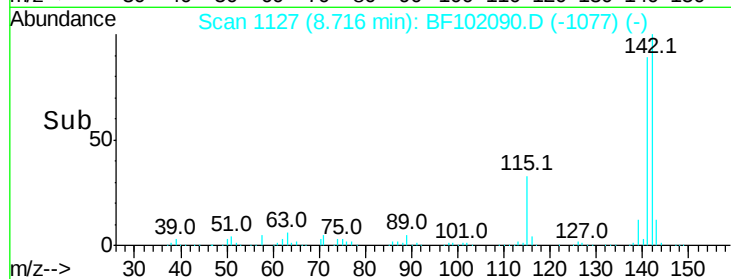
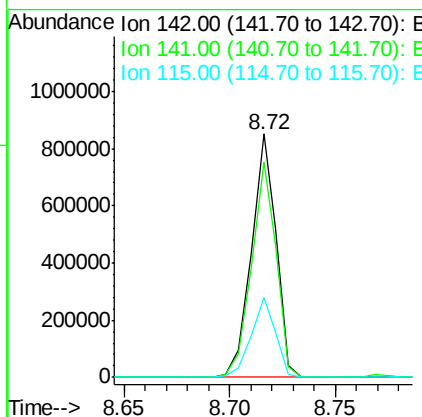
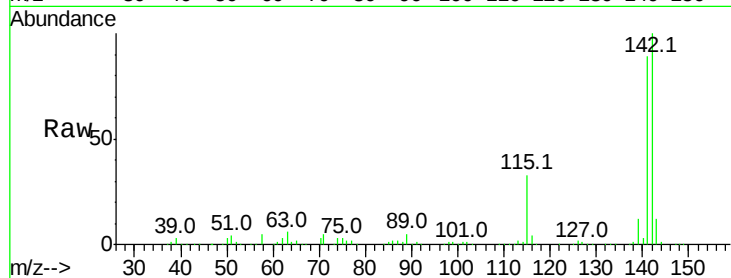




#37
 2-Methylnaphthalene
 Concen: 37.163 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

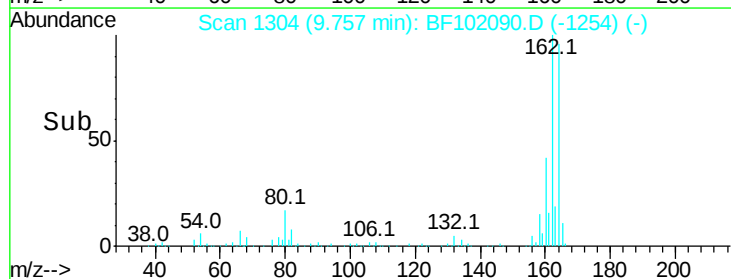
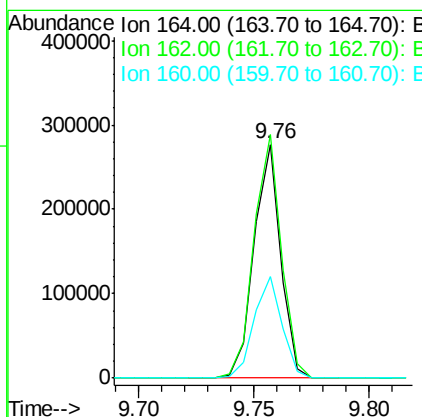
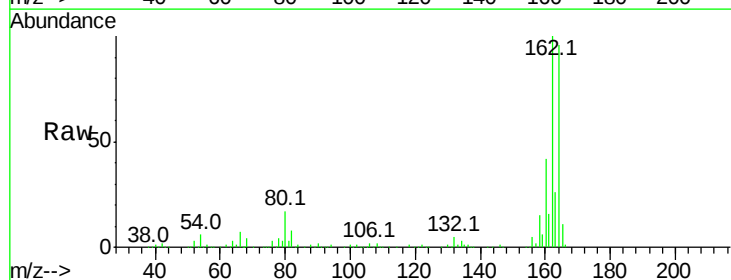
Instrument :
 BNA_F
 ClientSampleId :

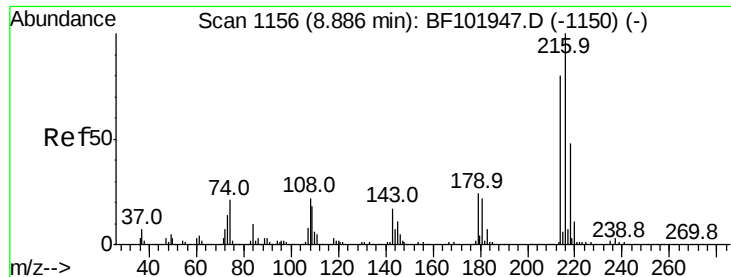
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	43.6	38.3	57.5

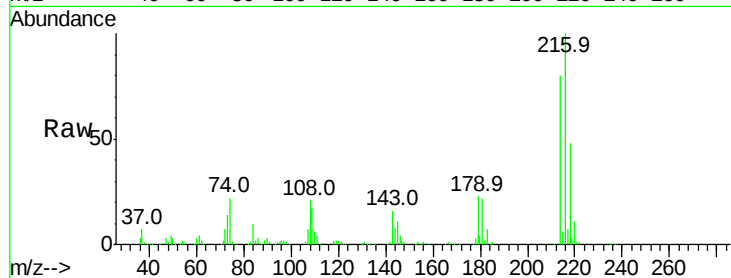




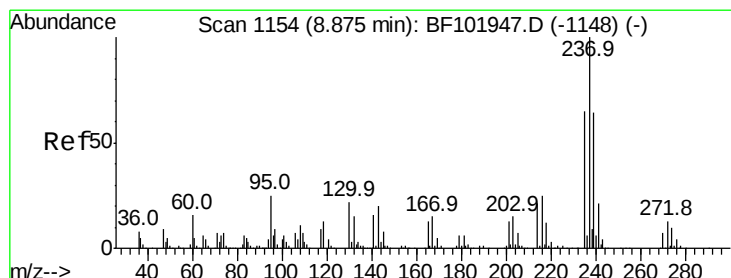
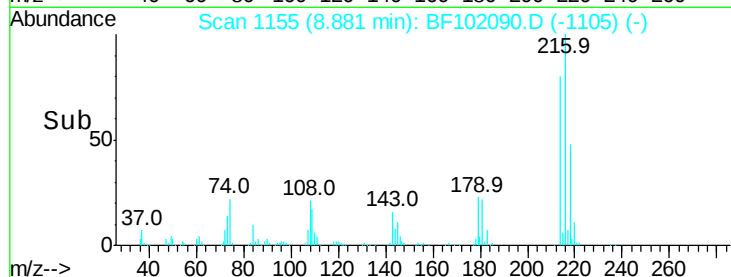
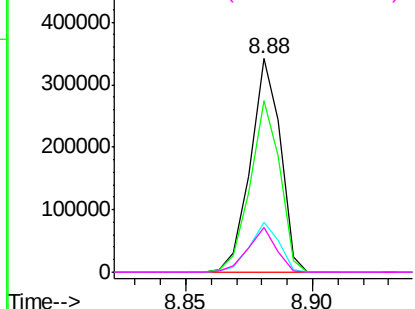
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.611 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	281932
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	23.0	18.1	27.1
108	19.8	17.2	25.8

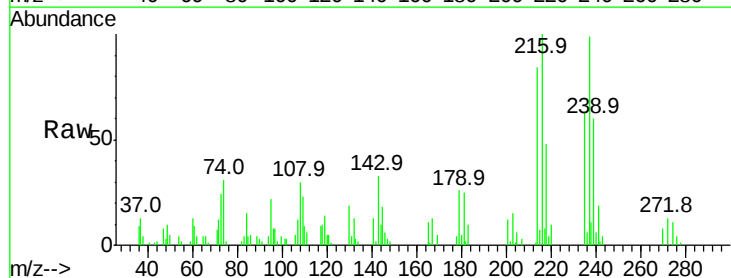


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

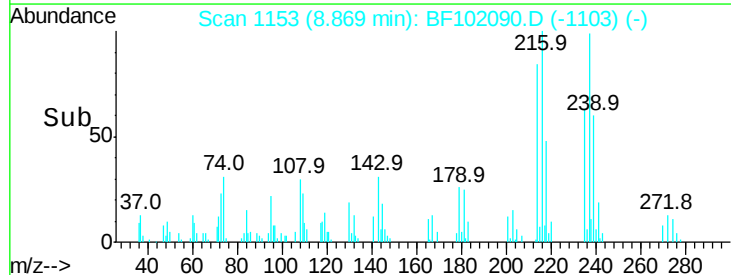
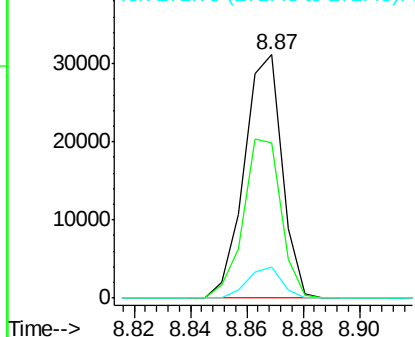


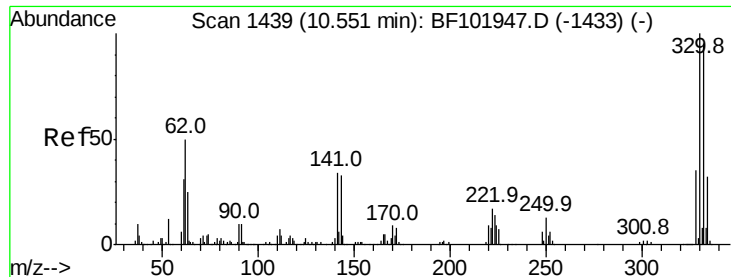
#40
 Hexachlorocyclopentadiene
 Concen: 8.378 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:	237	Resp:	28955
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.8	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

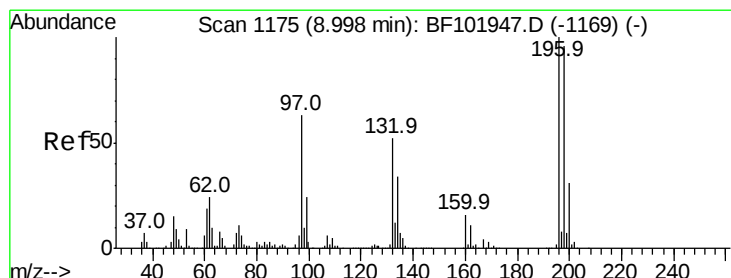
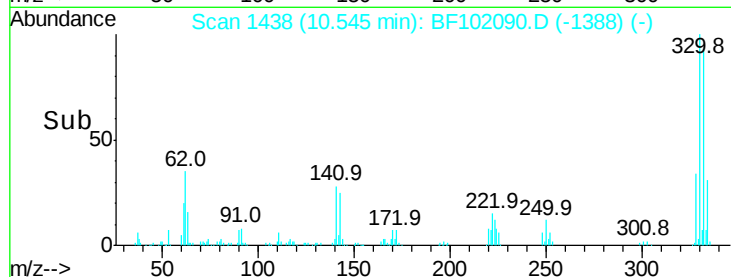
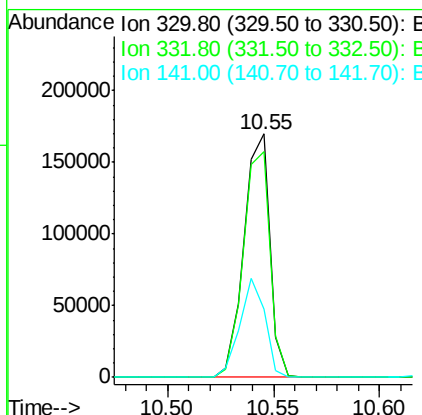
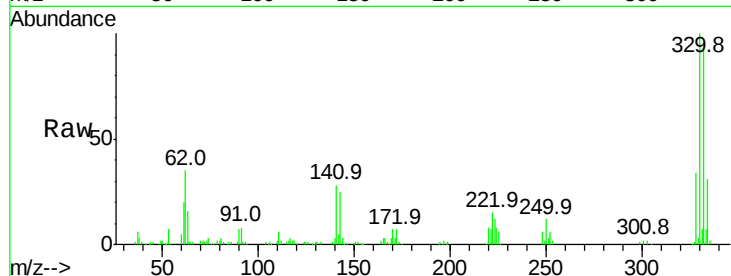




#41
 2,4,6-Tribromophenol
 Concen: 74.362 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

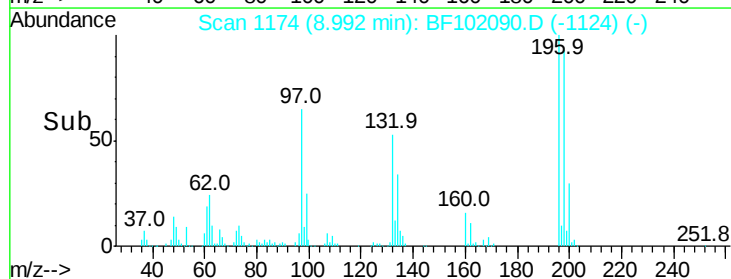
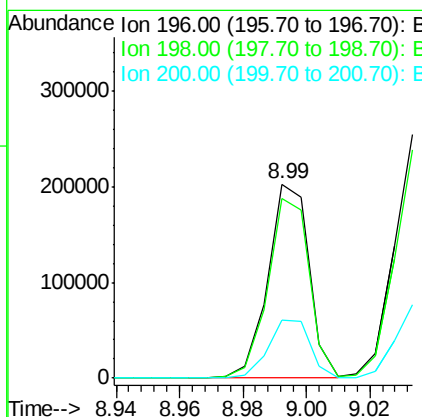
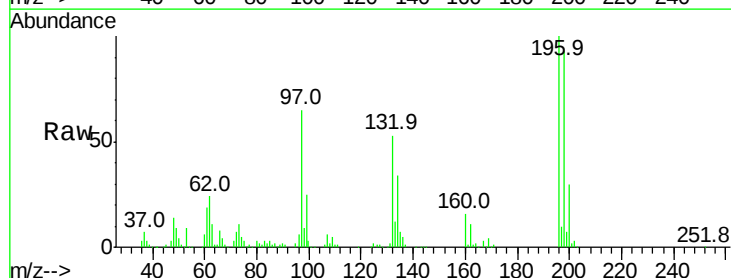
Instrument :
 BNA_F
 ClientSampleId :

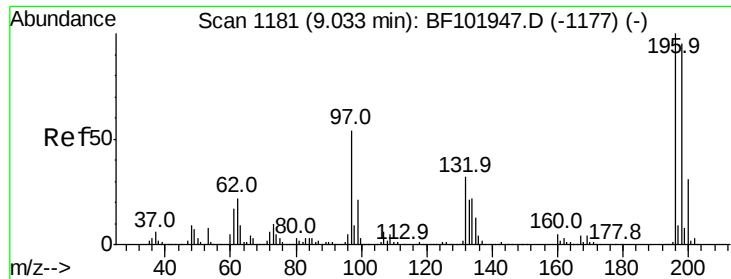
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.049 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.7	113.5
200	30.0	24.5	36.7

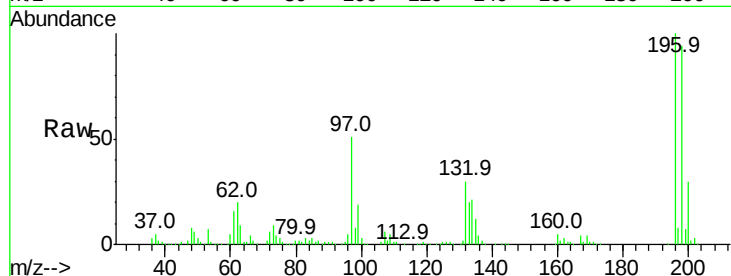




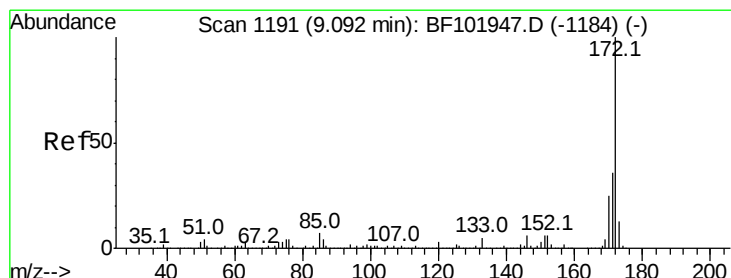
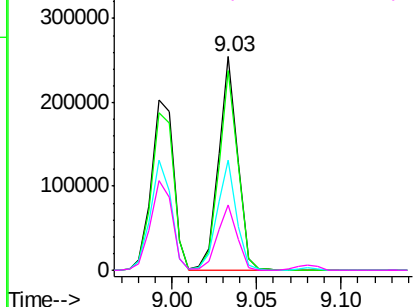
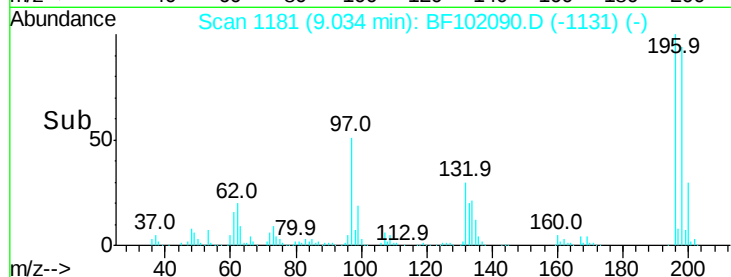
#43
 2,4,5-Trichlorophenol
 Concen: 40.872 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	201181
Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.6	112.0
97	51.3	42.9	64.3
132	30.5	26.3	39.5

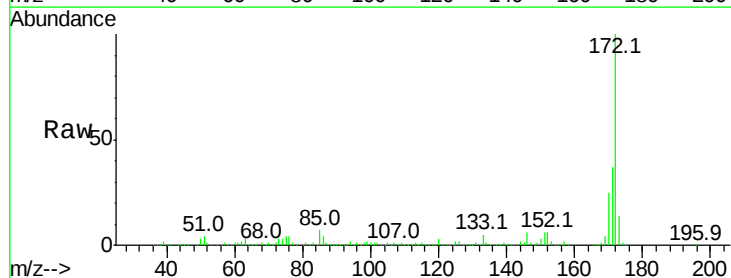


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

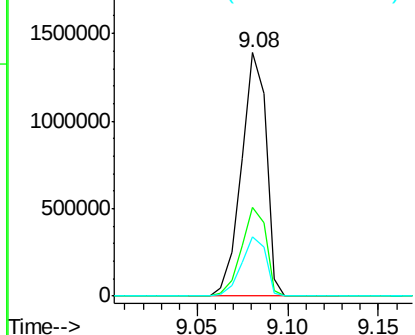
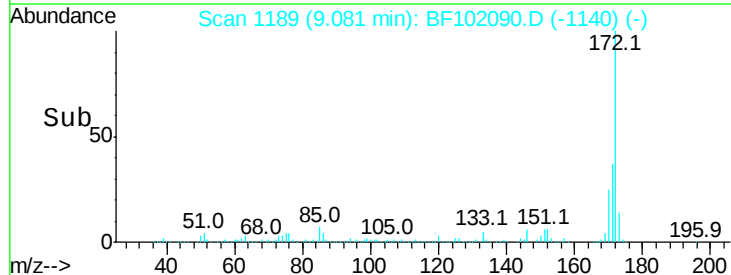


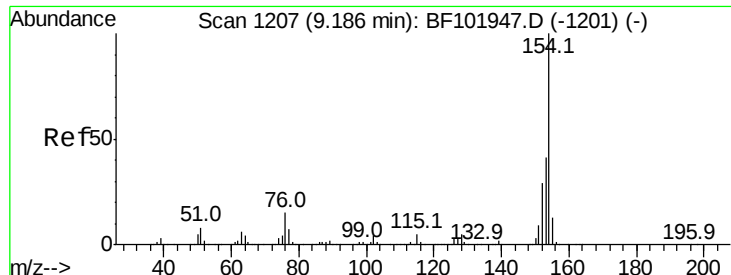
#44
 2-Fluorobiphenyl
 Concen: 92.252 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:	172	Resp:	1319108
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

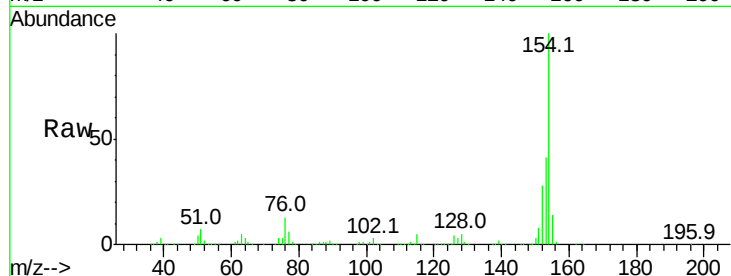




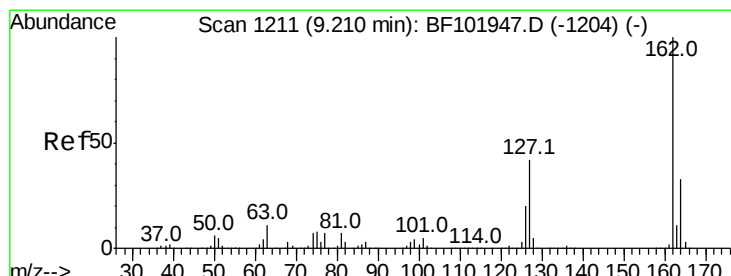
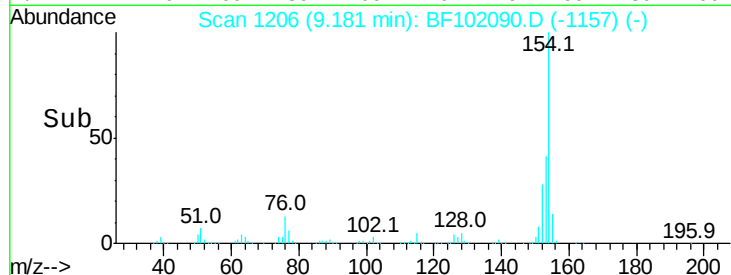
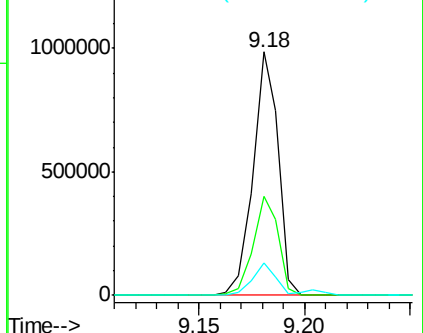
#45
 1,1'-Biphenyl
 Concen: 41.204 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.1	0.0	34.0

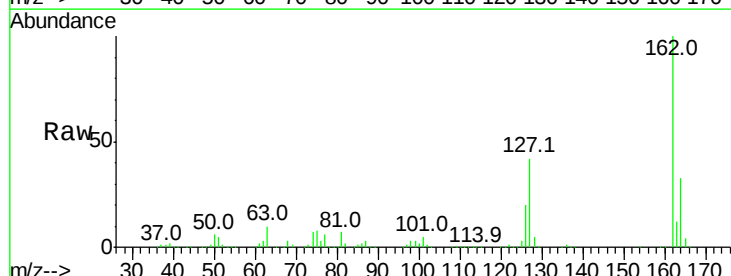


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

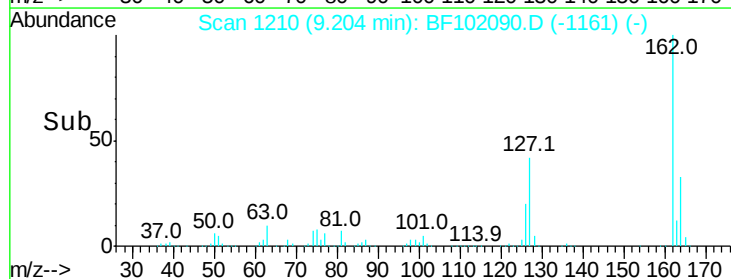
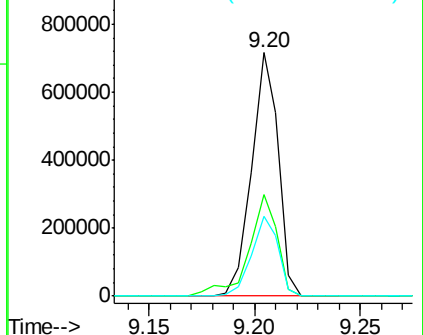


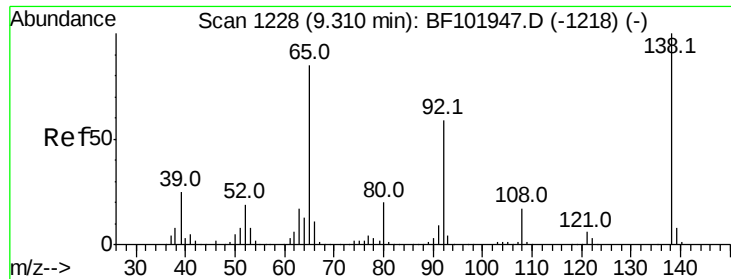
#46
 2-Chloronaphthalene
 Concen: 40.943 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.8	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

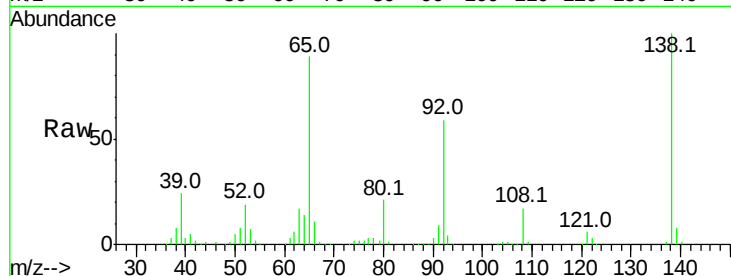




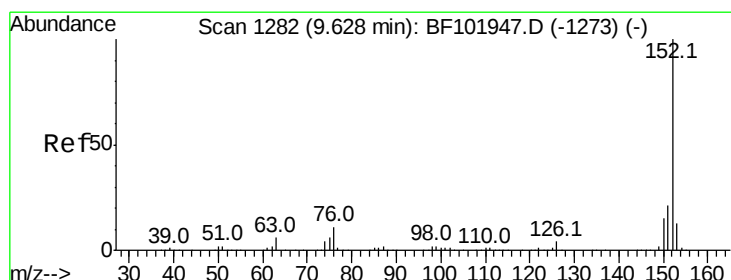
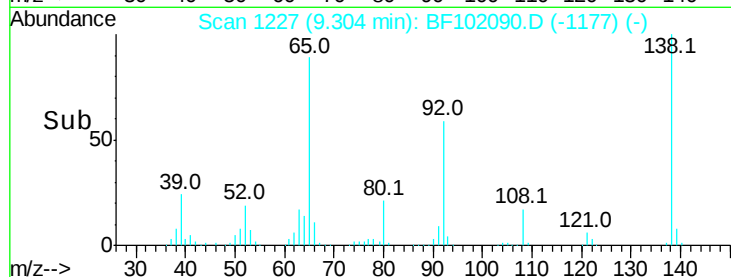
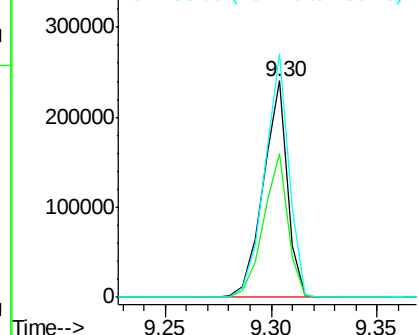
#47
2-Nitroaniline
Concen: 41.862 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 192004
Ion Ratio Lower Upper
65 100
92 66.7 55.8 83.6
138 112.5 91.2 136.8

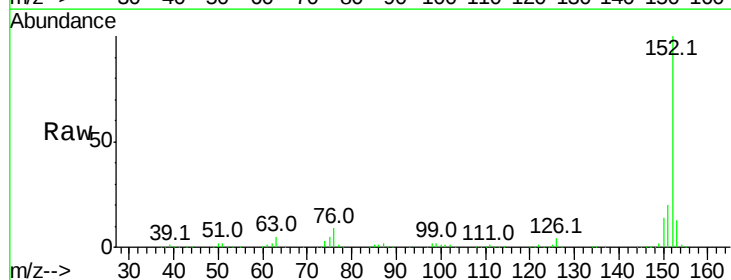


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

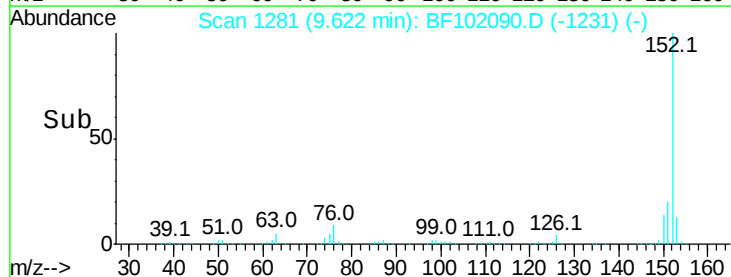
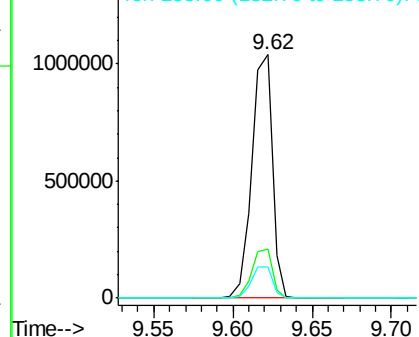


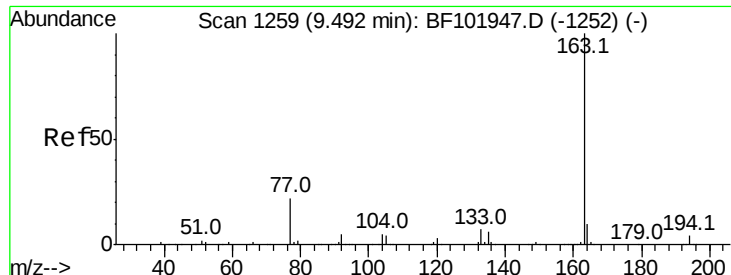
#48
Acenaphthylene
Concen: 38.358 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:152 Resp: 932075
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

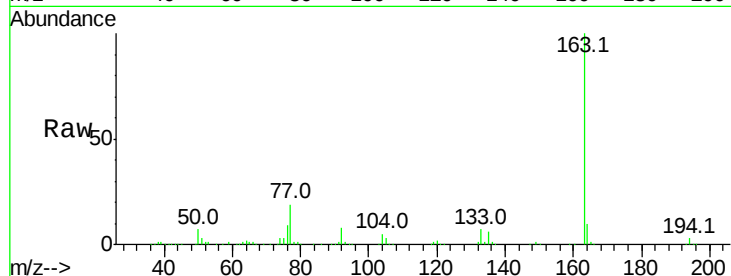




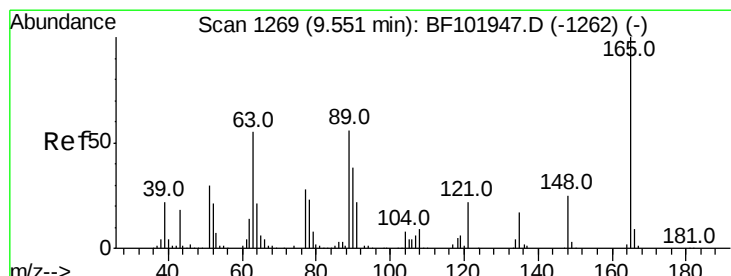
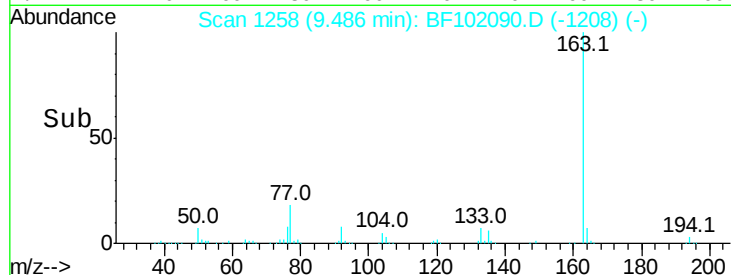
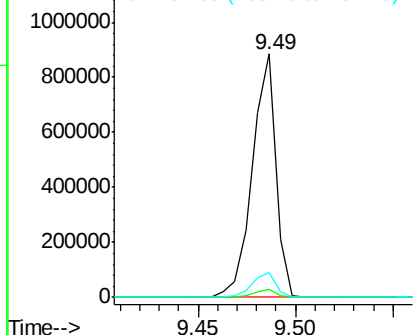
#49
Dimethylphthalate
Concen: 41.346 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 740938
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

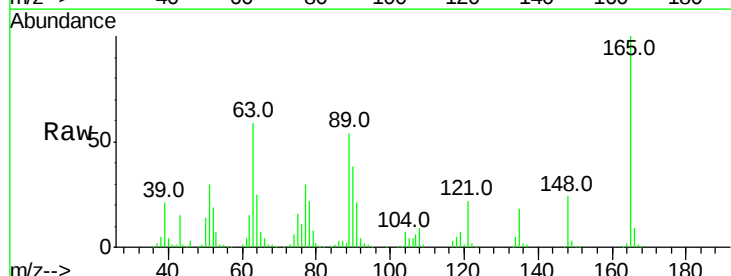


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

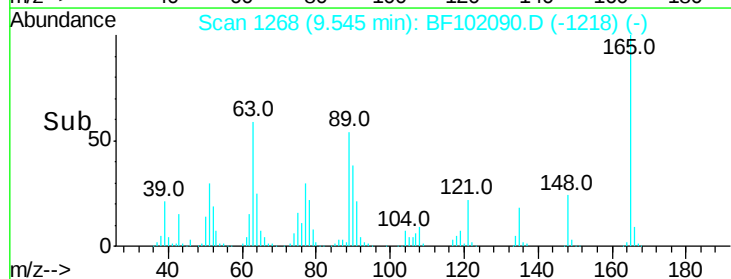
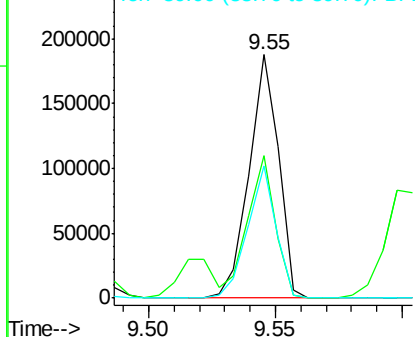


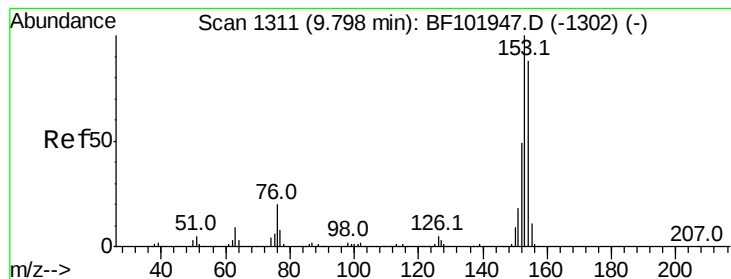
#50
2,6-Dinitrotoluene
Concen: 42.521 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:165 Resp: 152210
Ion Ratio Lower Upper
165 100
63 58.8 44.7 67.1
89 54.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.159 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

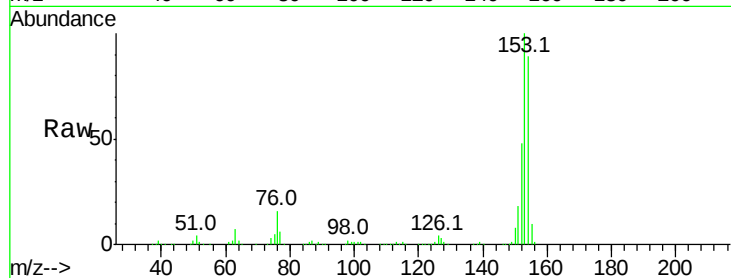
Tot Ion:154 Resp: 548046

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

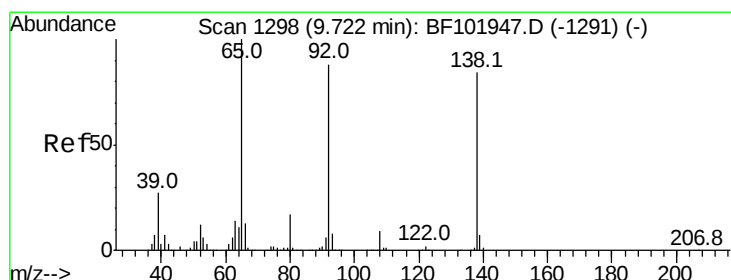
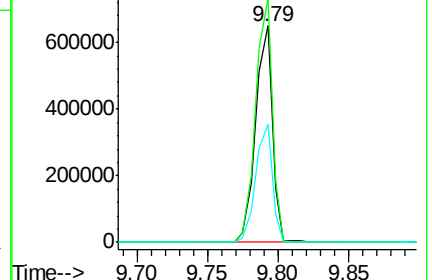
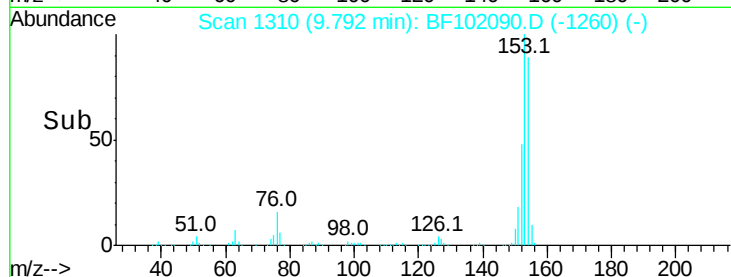
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.256 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

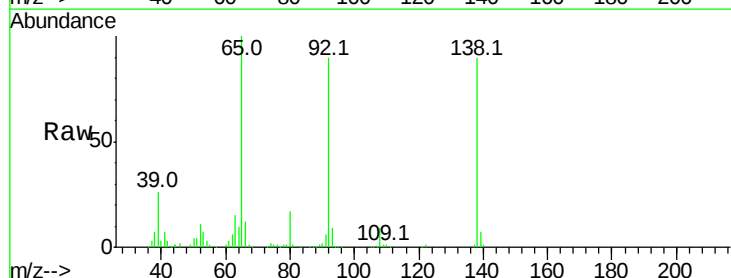
Tgt Ion:138 Resp: 172829

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

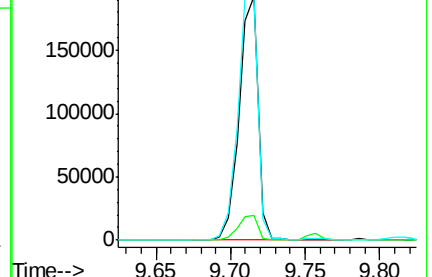
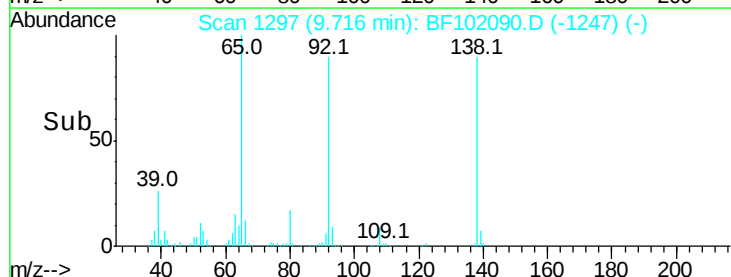
92 100.1 89.4 134.2

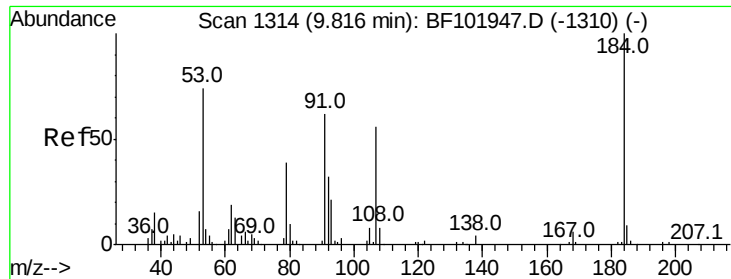


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

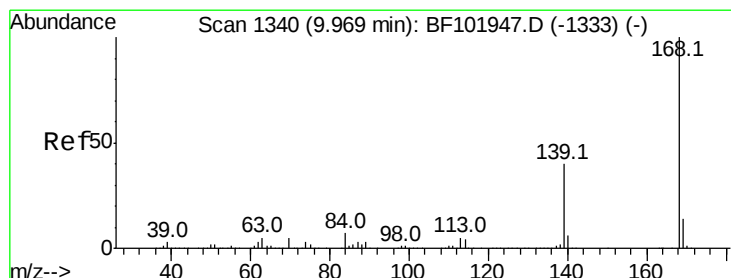
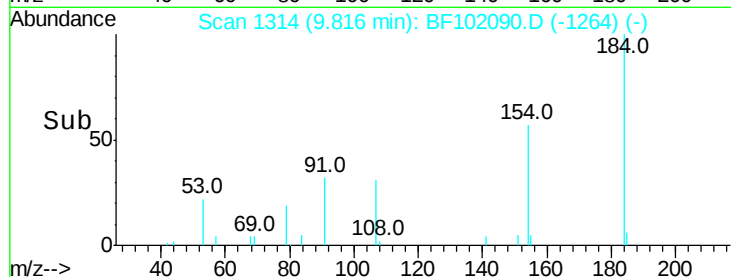
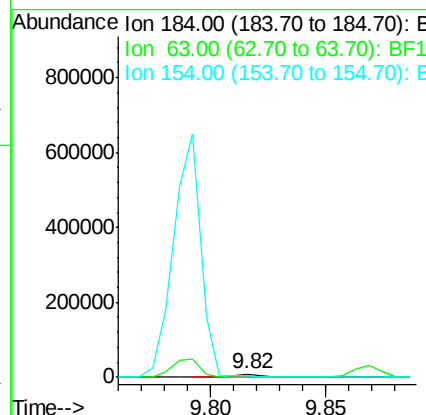
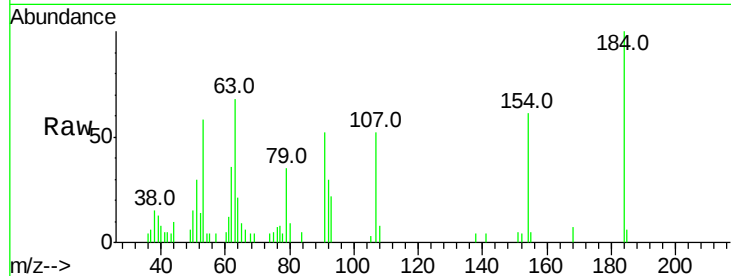




#53
 2,4-Dinitrophenol
 Concen: 13.591 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

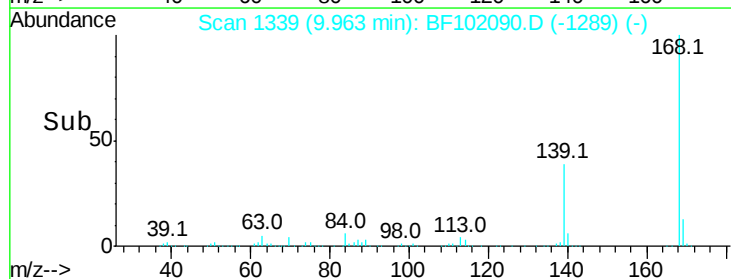
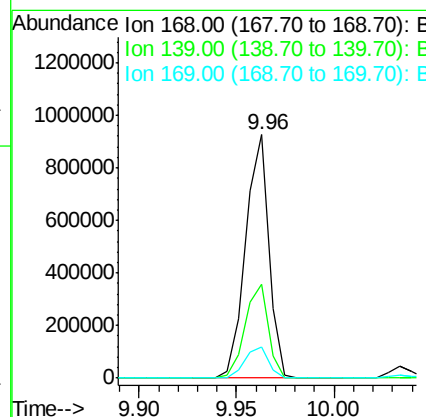
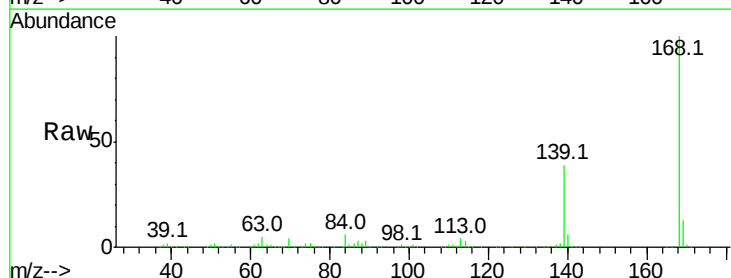
Instrument :
 BNA_F
 ClientSampled :

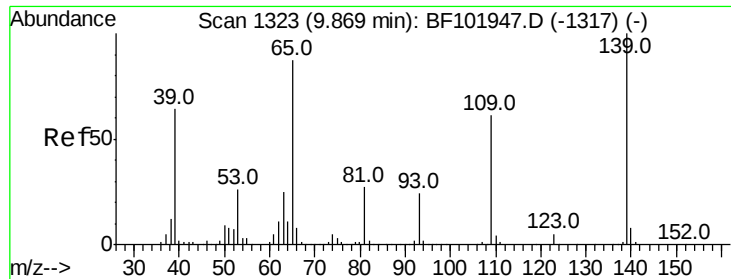
Tot Ion:184 Resp: 7568
 Ion Ratio Lower Upper
 184 100
 63 67.9 54.2 81.2
 154 61.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.834 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:168 Resp: 765813
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.0 10.9 16.3

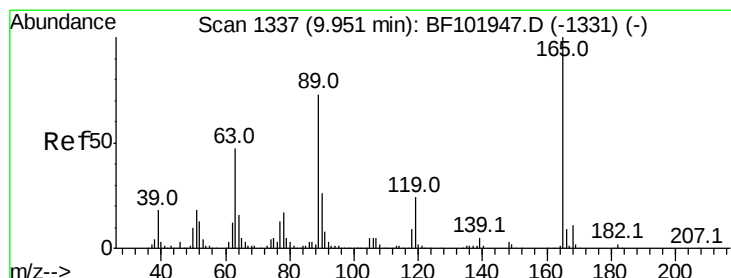
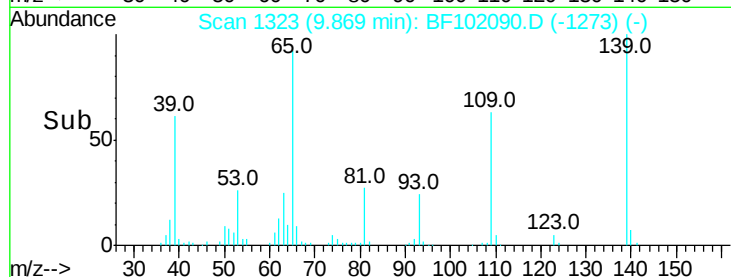
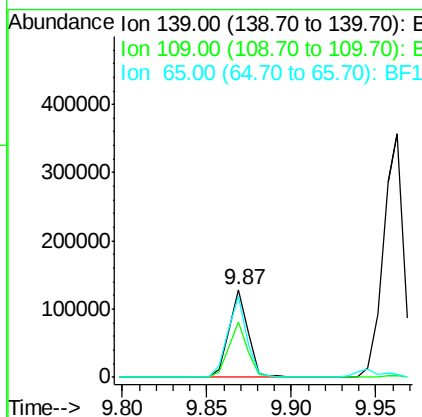
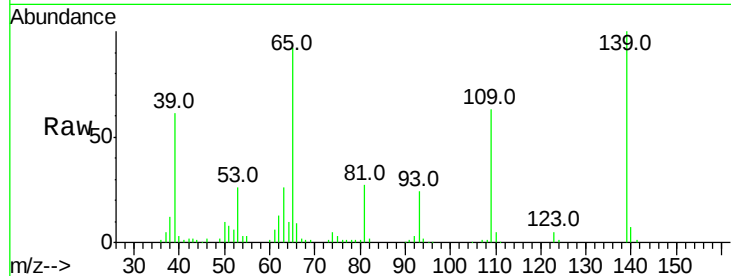




#55
4-Nitrophenol
Concen: 29.945 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

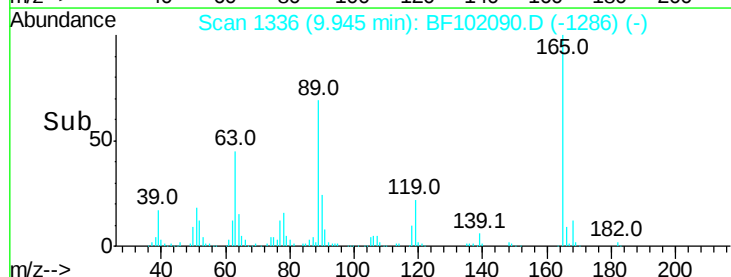
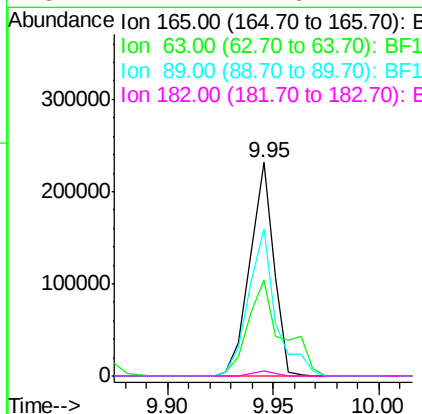
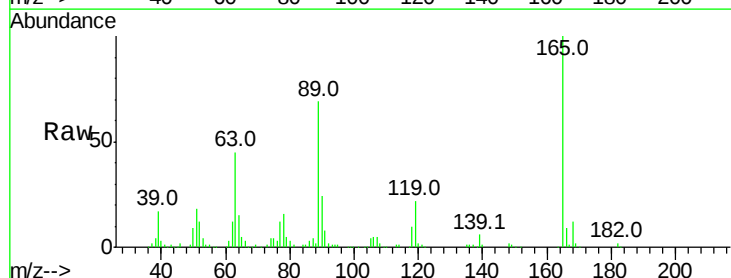
Instrument :
BNA_F
ClientSampled :

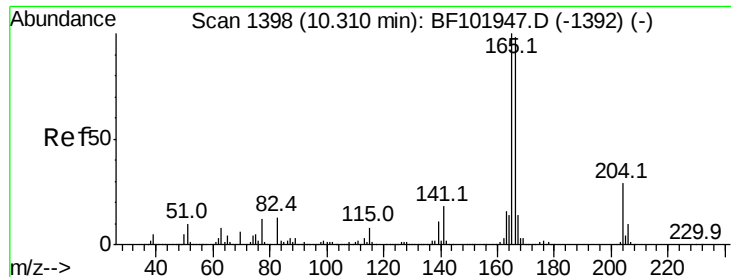
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.3	48.4	88.4
65	92.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.898 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.4	54.6
89	68.9	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 39.885 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampled :

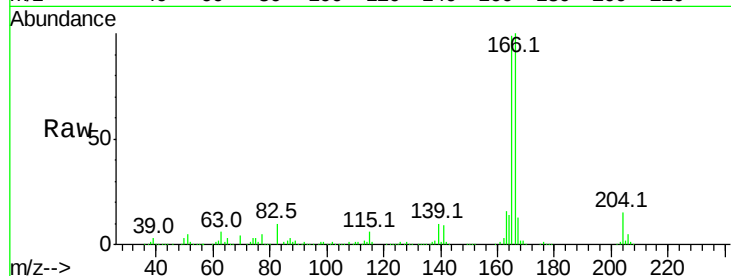
Tot Ion:166 Resp: 558098

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

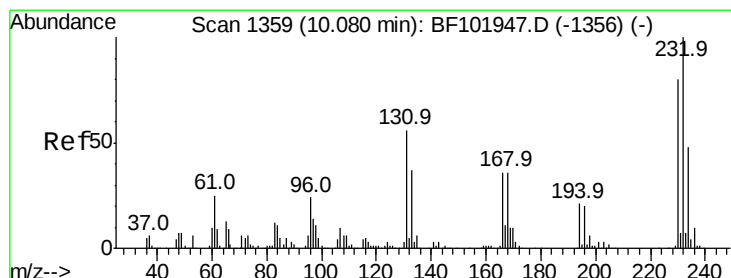
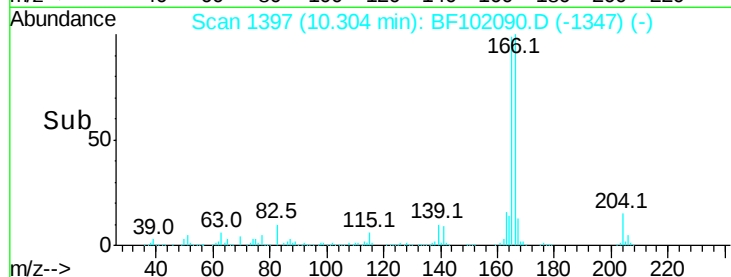
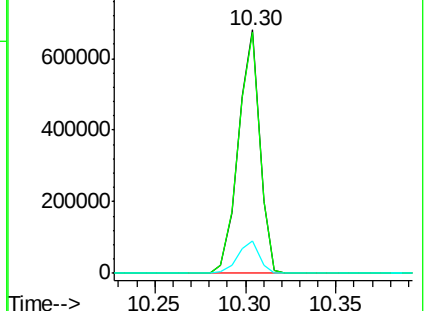
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.387 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Tgt Ion:232 Resp: 124007

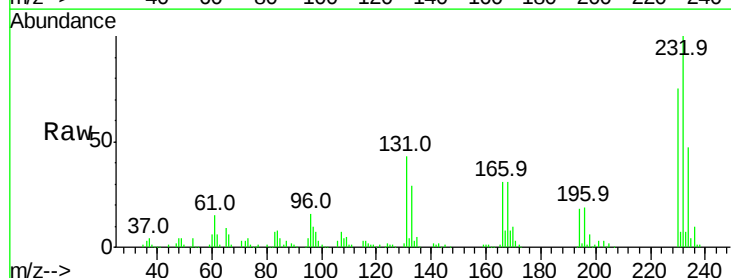
Ion Ratio Lower Upper

232 100

131 53.4 43.8 65.8

130 2.7 2.1 3.1

166 34.6 27.8 41.6

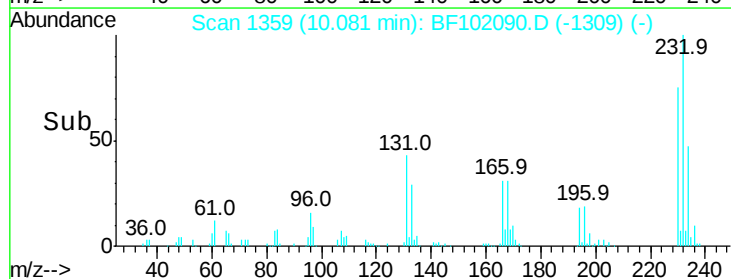
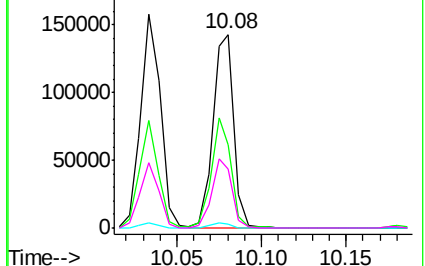


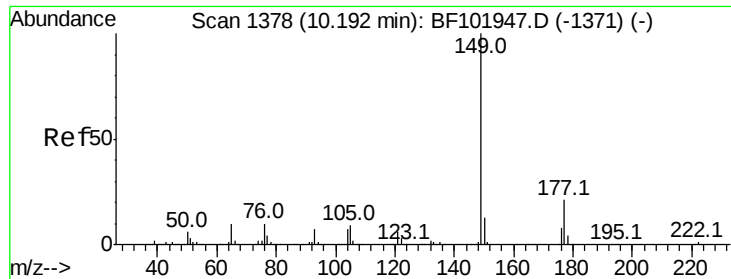
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

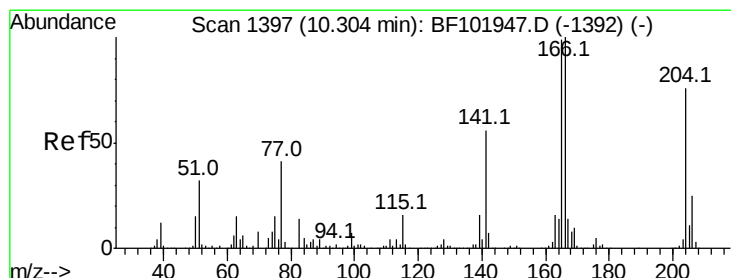
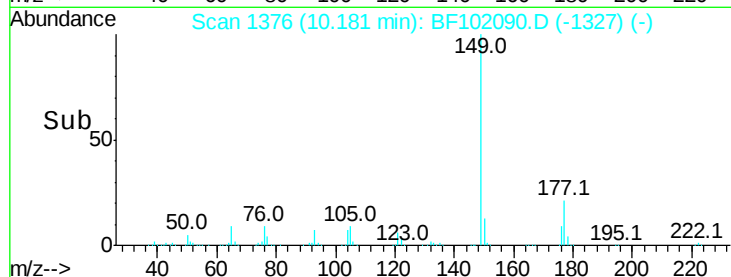
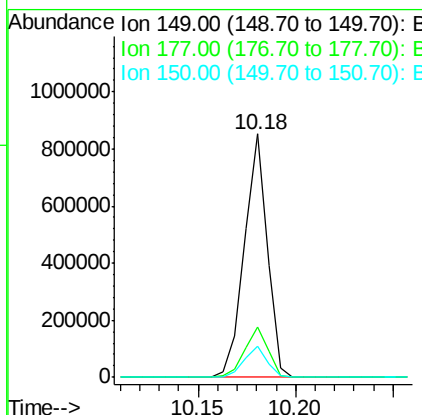
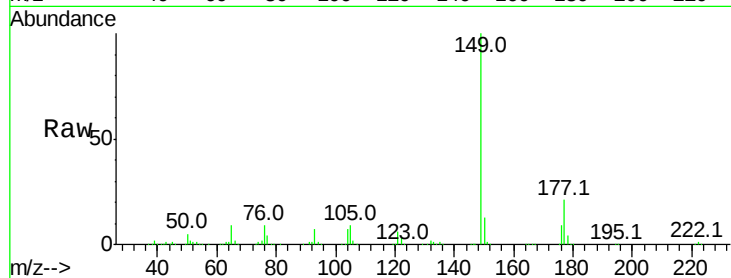




#59
Diethylphthalate
Concen: 39.014 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

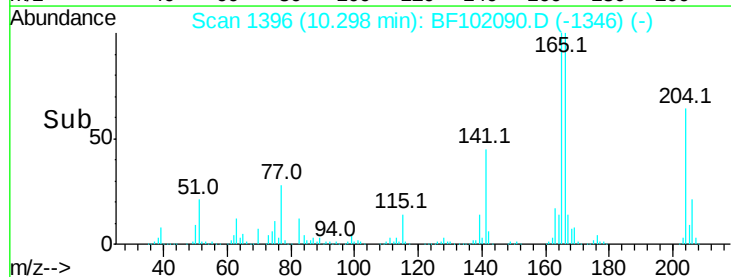
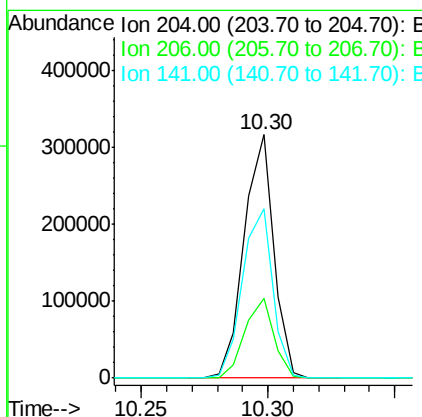
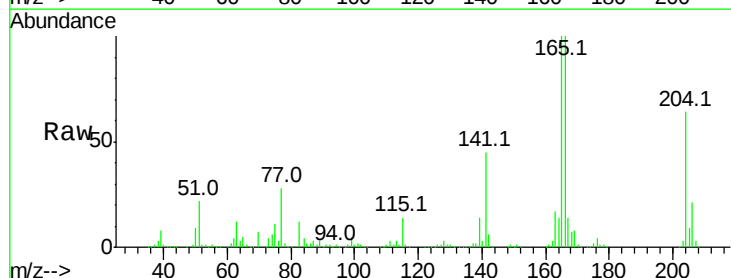
Instrument :
BNA_F
ClientSampled :

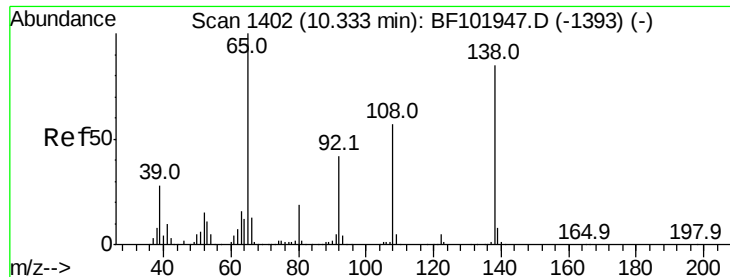
Tot Ion:149 Resp: 695466
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.195 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:204 Resp: 257371
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.4 54.6 81.8

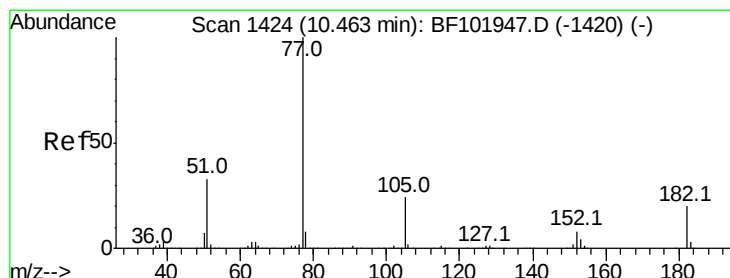
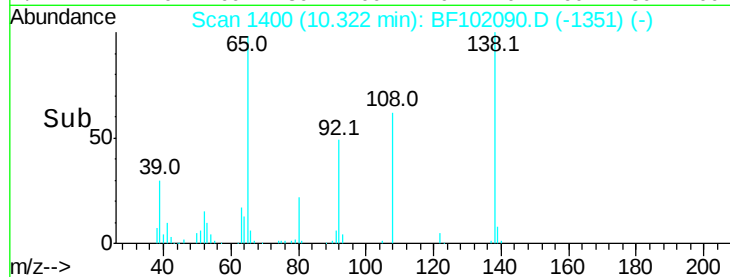
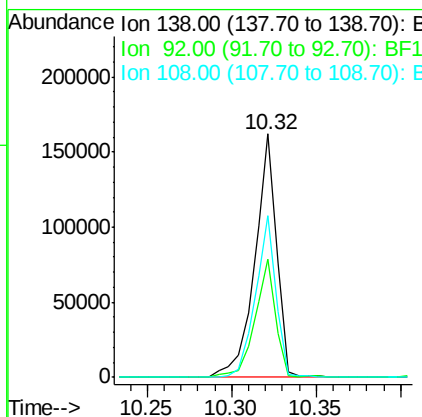
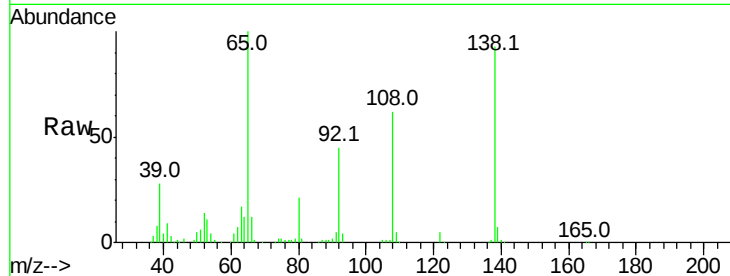




#61
4-Nitroaniline
Concen: 34.246 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

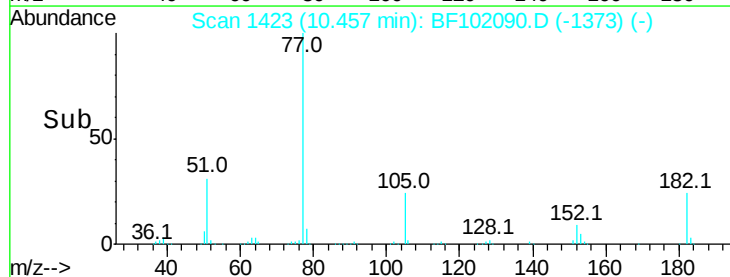
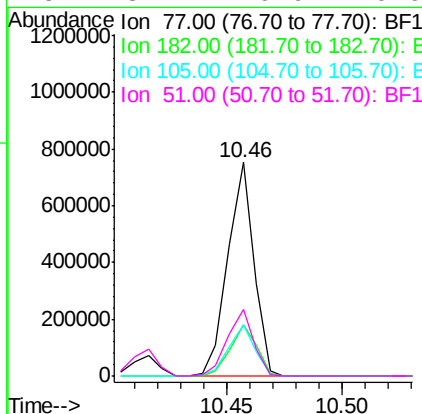
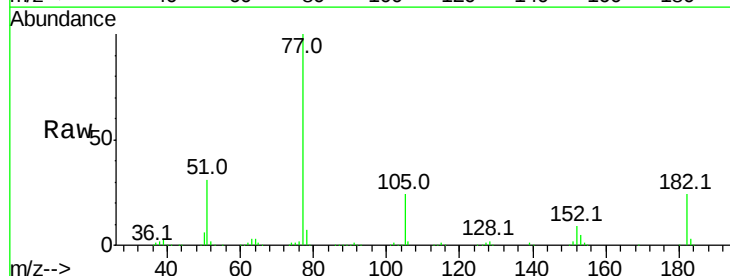
Instrument :
BNA_F
ClientSampled :

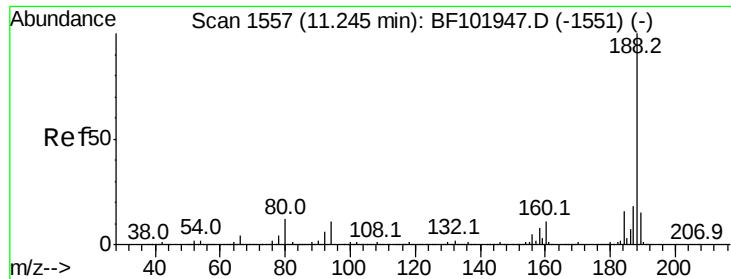
Tot Ion:138 Resp: 146829
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 33.370 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion: 77 Resp: 591837
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 24.0 3.0 43.0
51 31.2 9.9 49.9

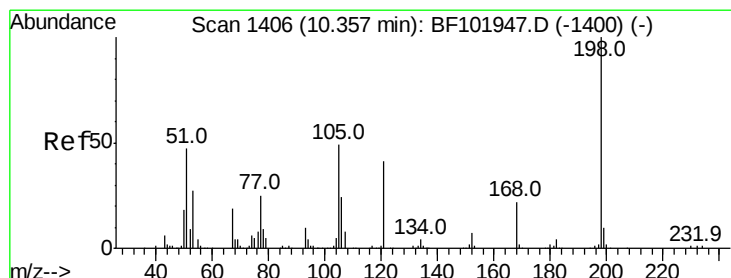
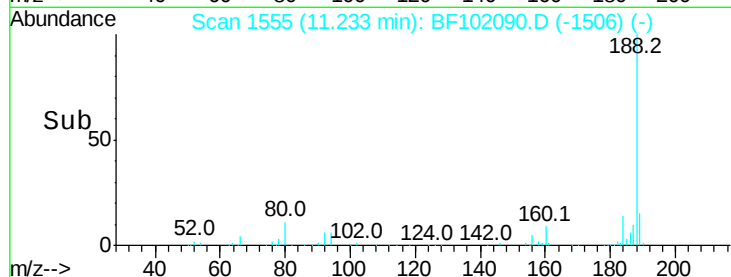
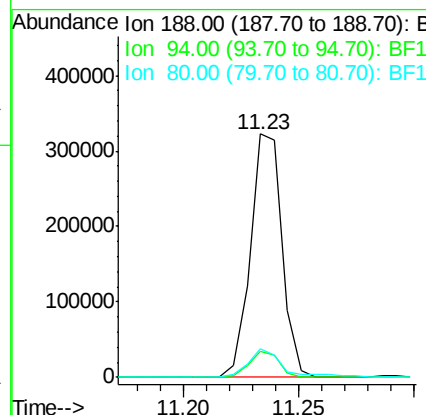
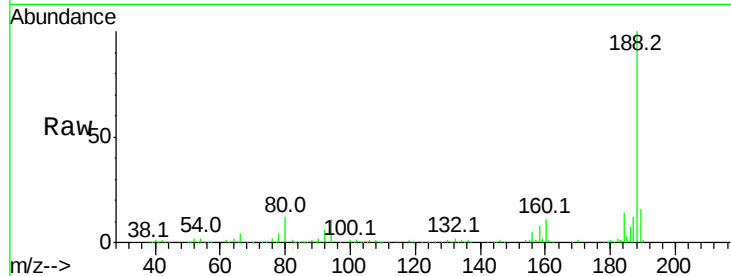




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

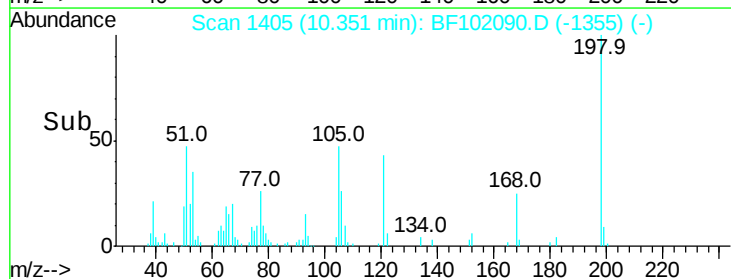
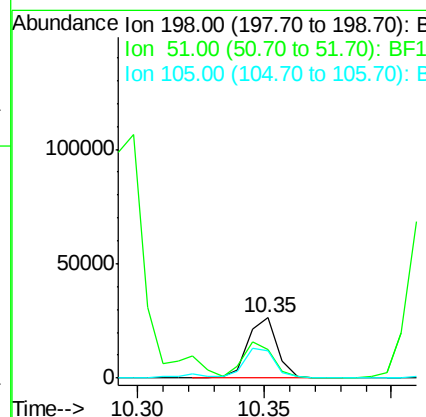
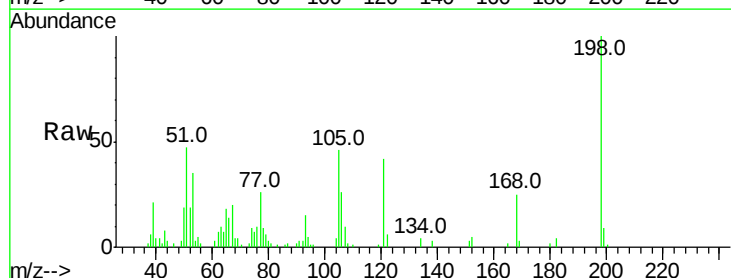
Instrument :
 BNA_F
 ClientSampleId :

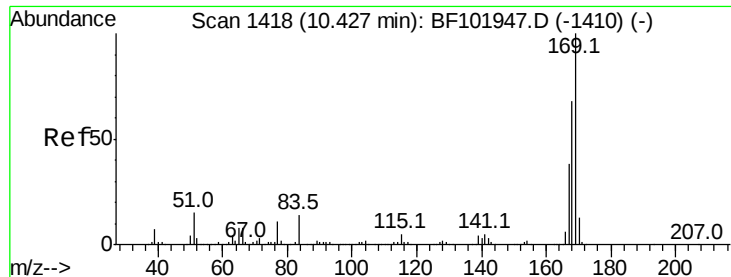
Tot Ion:188 Resp: 308230
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 12.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.934 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:198 Resp: 21392
 Ion Ratio Lower Upper
 198 100
 51 46.7 37.7 77.7
 105 45.9 36.3 76.3

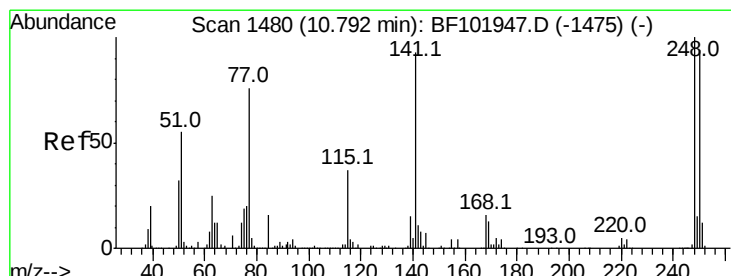
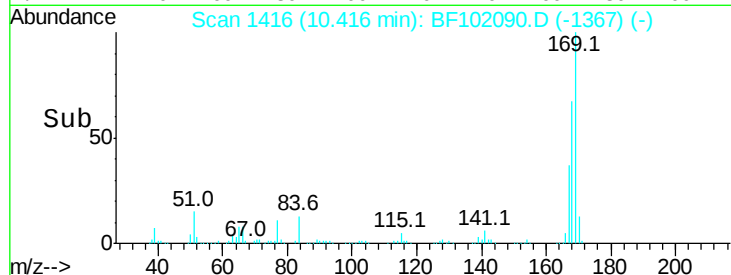
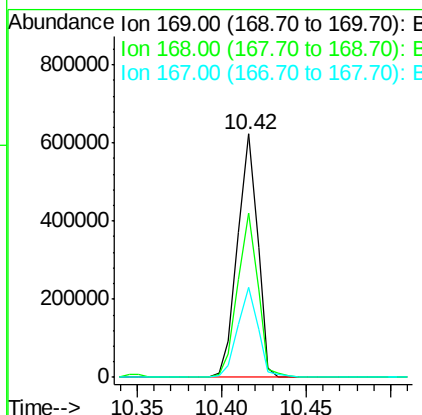
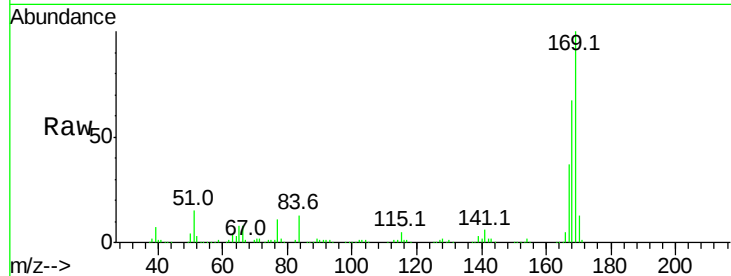




#65
 n-Nitrosodiphenylamine
 Concen: 44.614 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

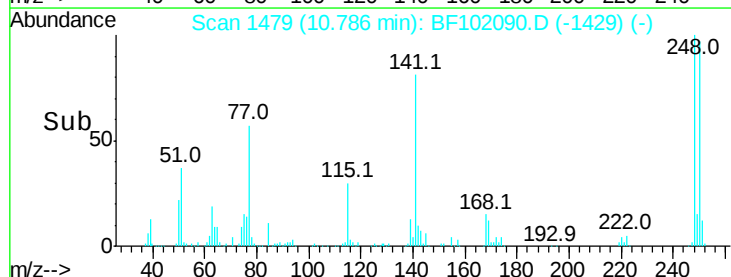
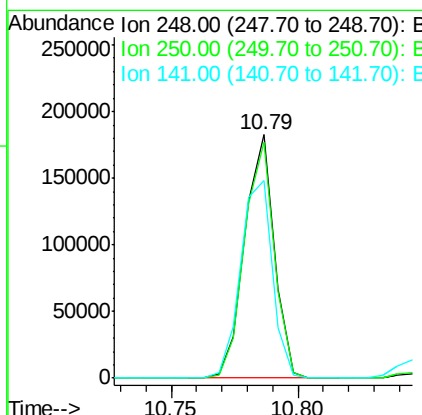
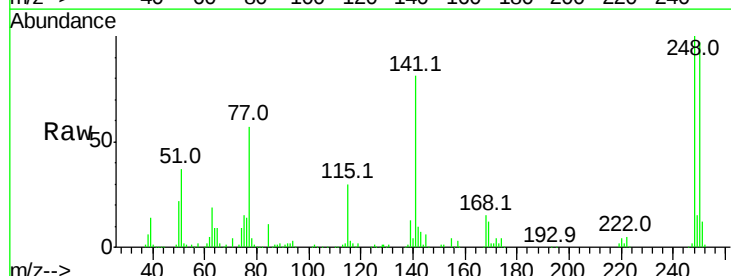
Instrument :
 BNA_F
 ClientSampleId :

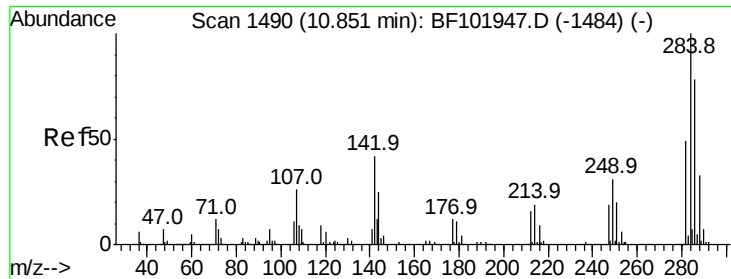
Tot Ion:169 Resp: 514935
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.602 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:248 Resp: 148437
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 81.3 74.4 111.6

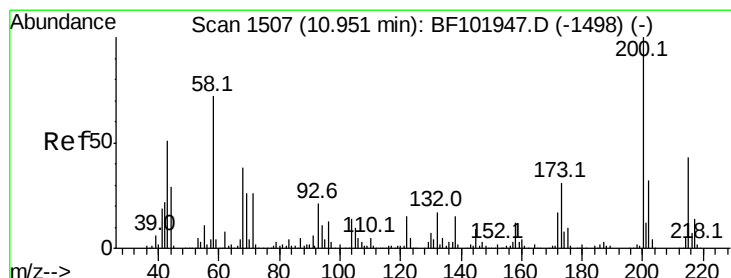
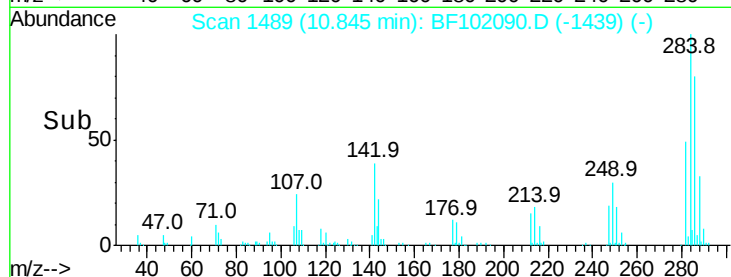
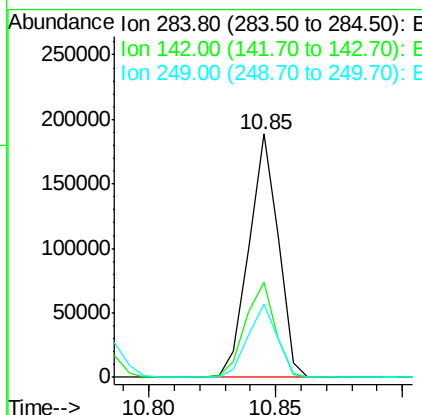
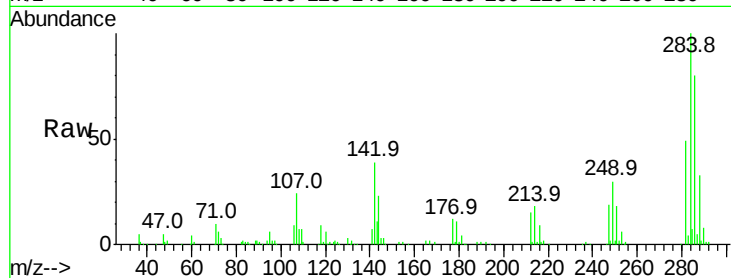




#67
Hexachlorobenzene
Concen: 42.973 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

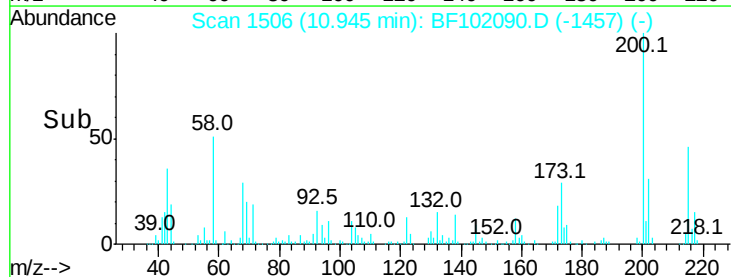
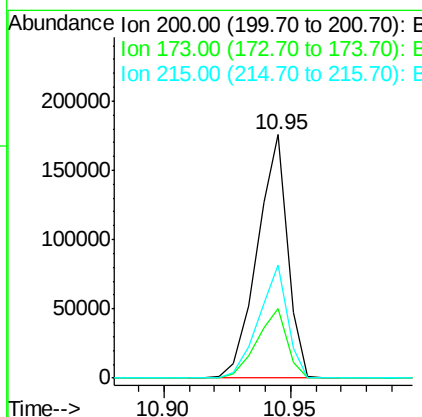
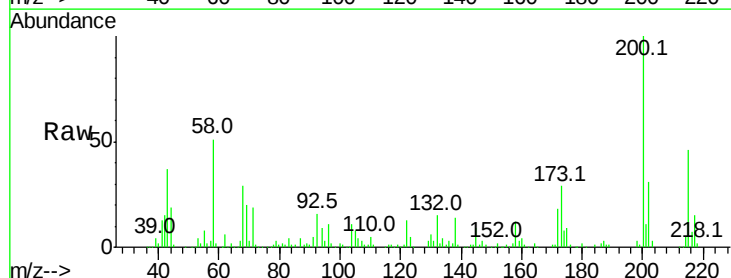
Instrument :
BNA_F
ClientSampled :

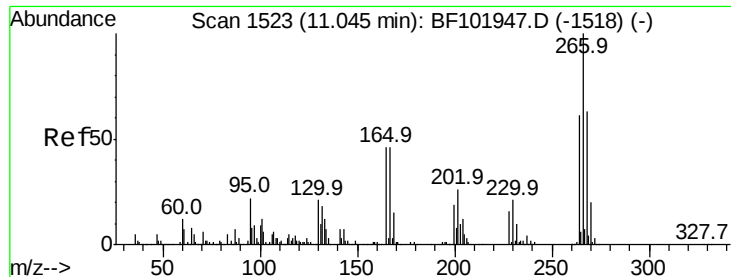
Tot Ion:284 Resp: 152704
Ion Ratio Lower Upper
284 100
142 39.3 34.6 52.0
249 30.1 24.8 37.2



#68
Atrazine
Concen: 43.865 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:200 Resp: 146314
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 46.5 25.1 65.1

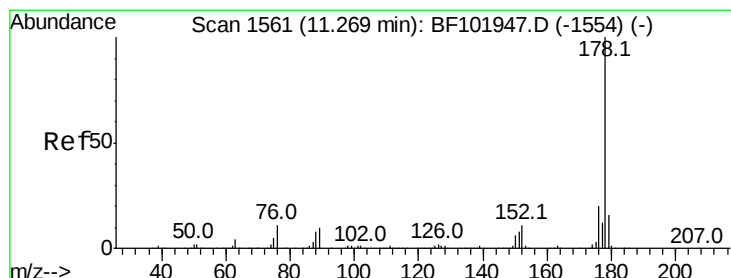
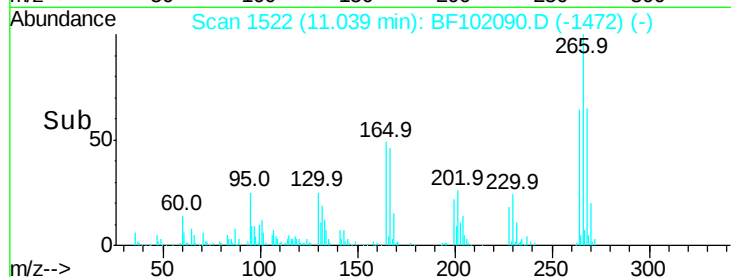
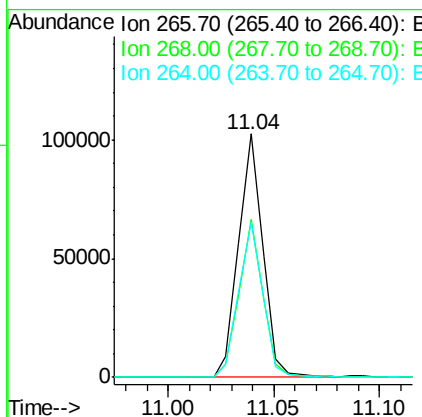
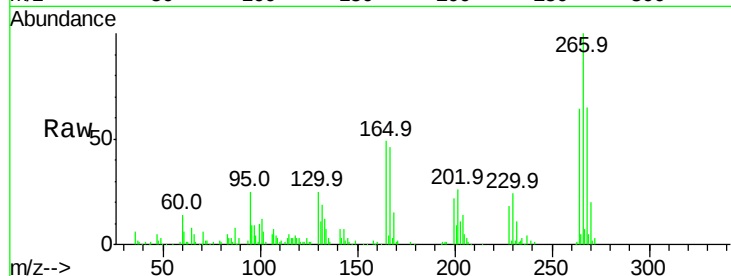




#69
 Pentachlorophenol
 Concen: 37.703 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

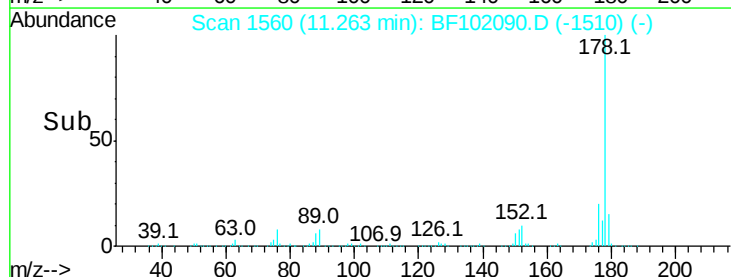
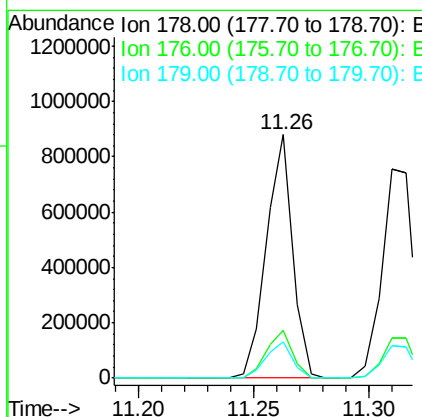
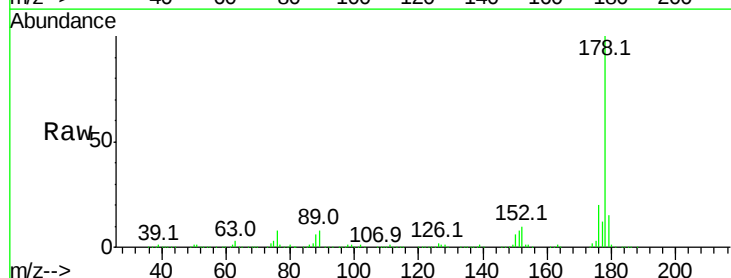
Instrument :
 BNA_F
 ClientSampled :

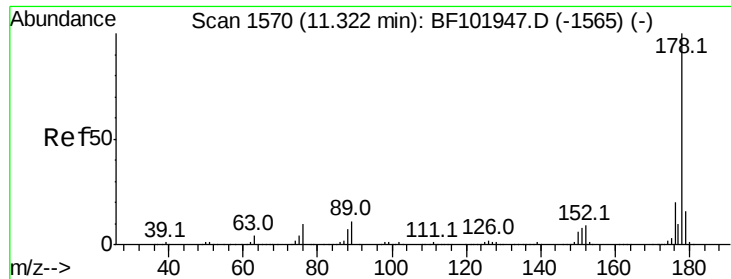
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 38.804 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.1	13.0	19.6

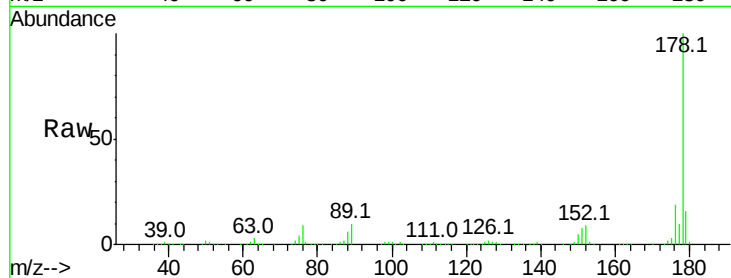




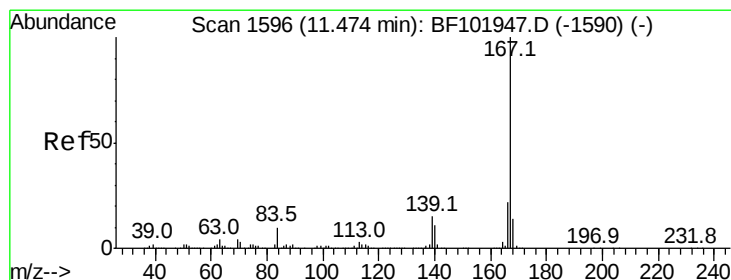
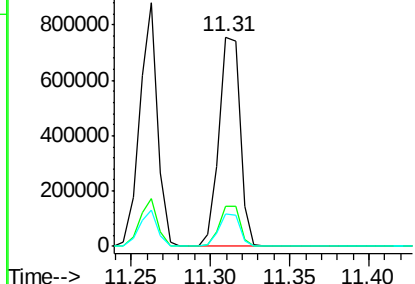
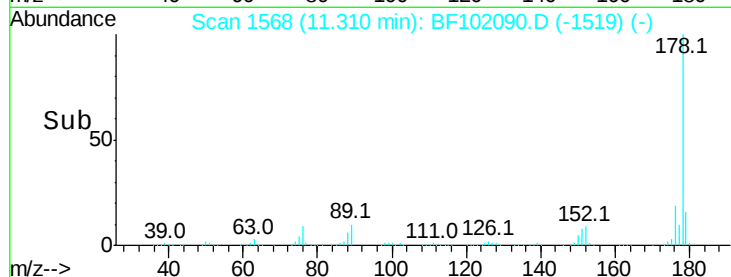
#71
 Anthracene
 Concen: 38.488 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 702789
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0

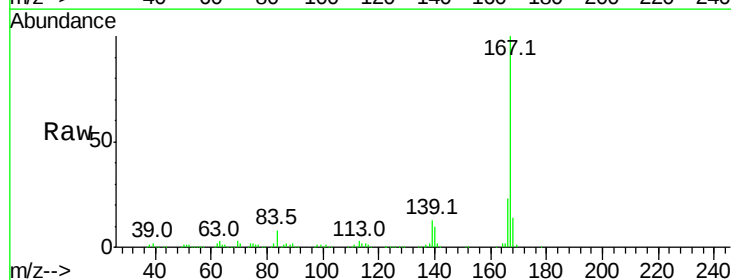


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

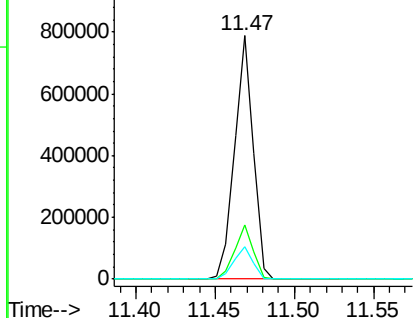
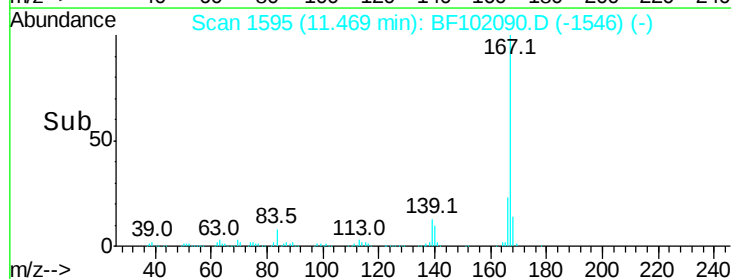


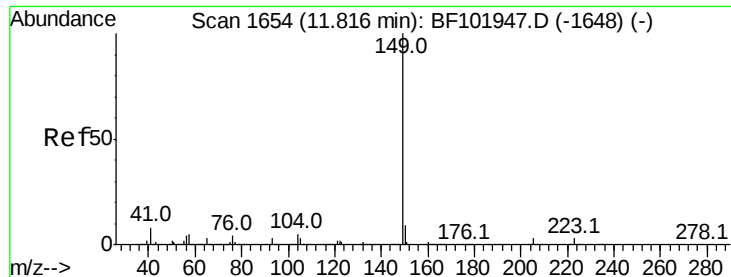
#72
 Carbazole
 Concen: 35.954 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion:167 Resp: 645295
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 73.088 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

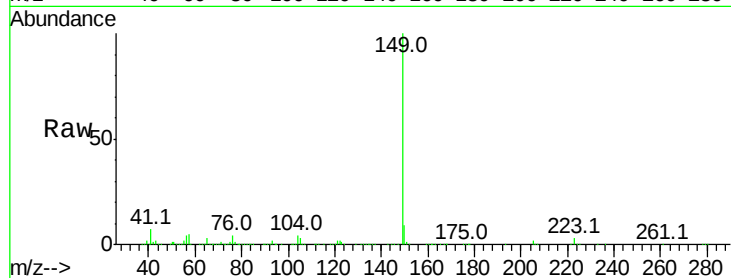
Tot Ion:149 Resp: 1609368

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

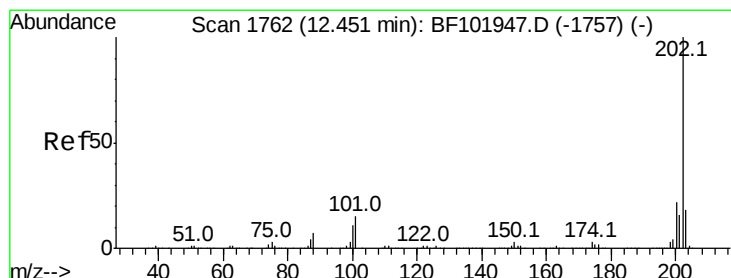
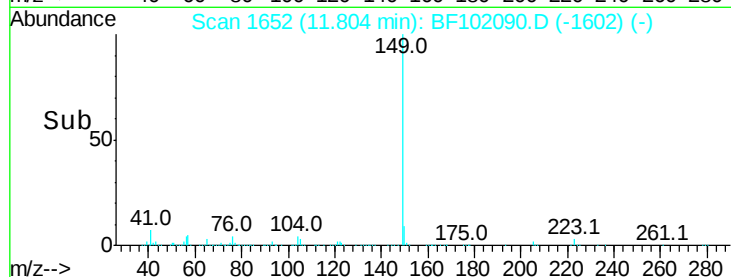
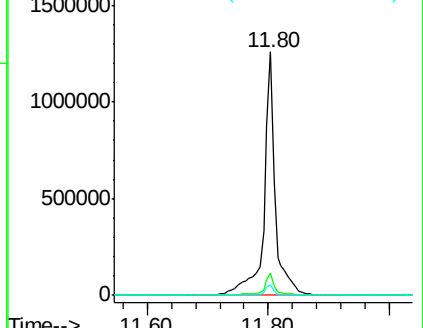
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.579 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

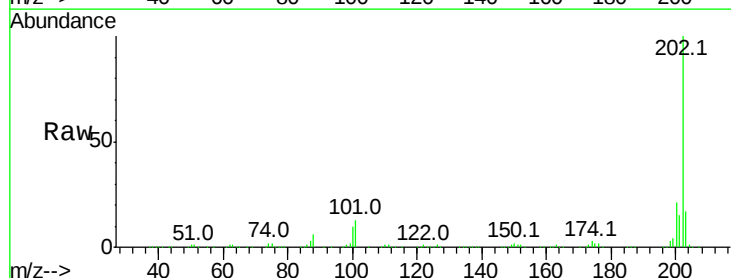
Tgt Ion:202 Resp: 630250

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

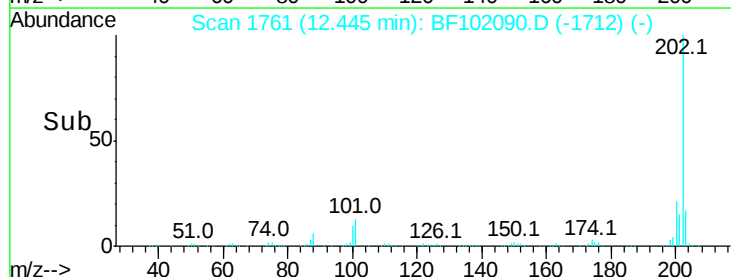
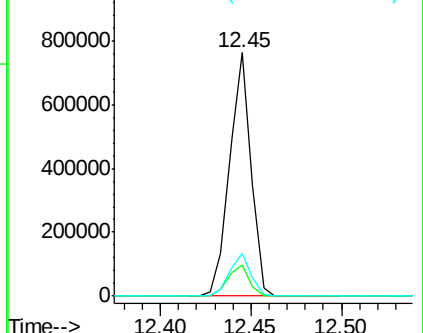
203 17.3 0.0 38.1

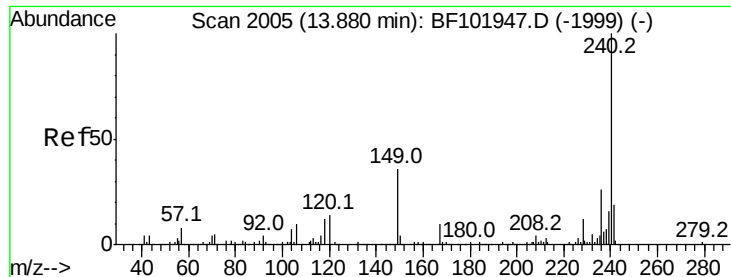


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

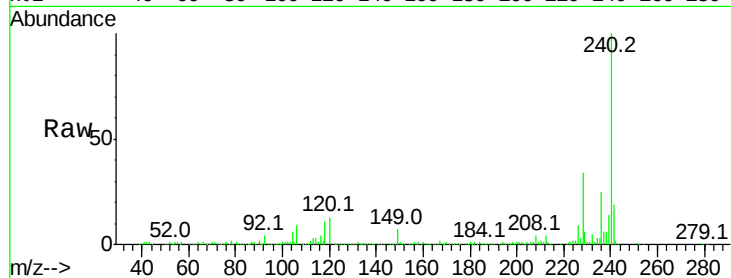
Tot Ion:240 Resp: 251801

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

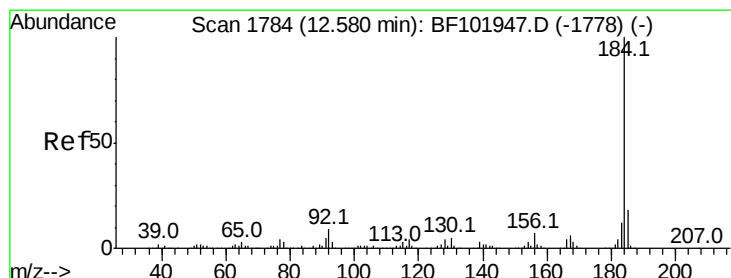
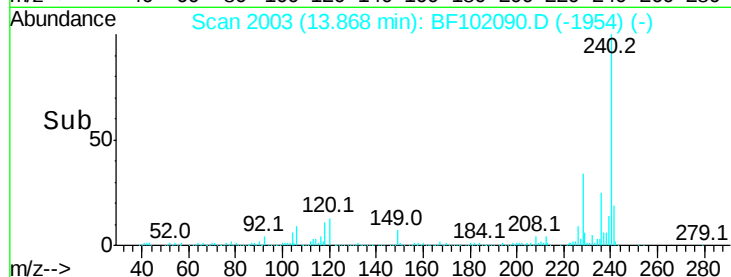
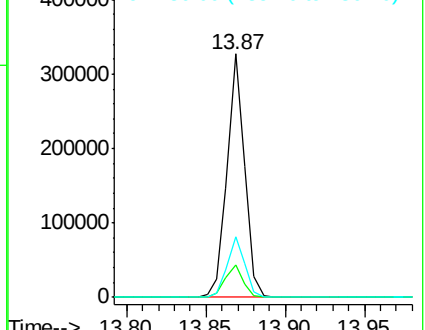
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.010 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

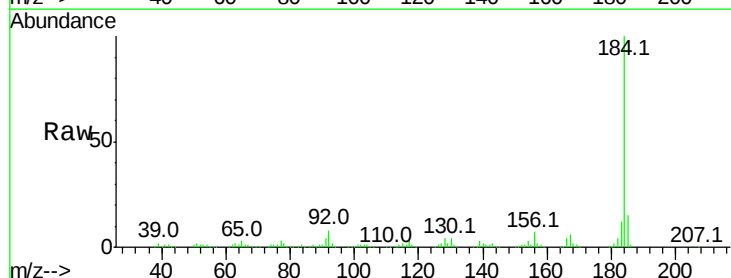
Tgt Ion:184 Resp: 291940

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

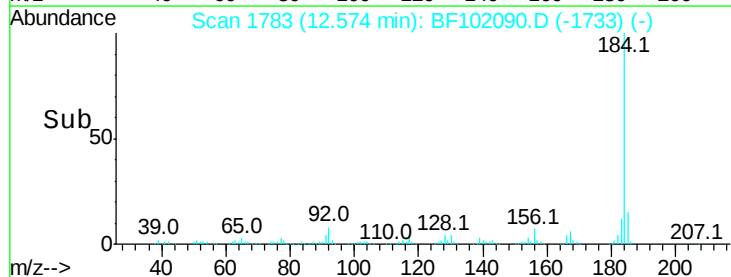
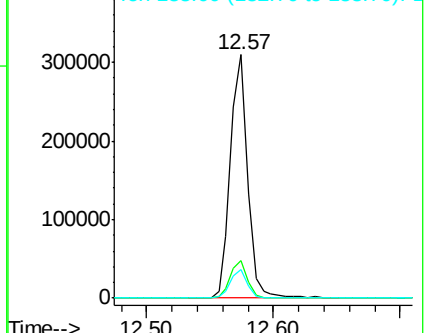
183 11.7 9.3 13.9

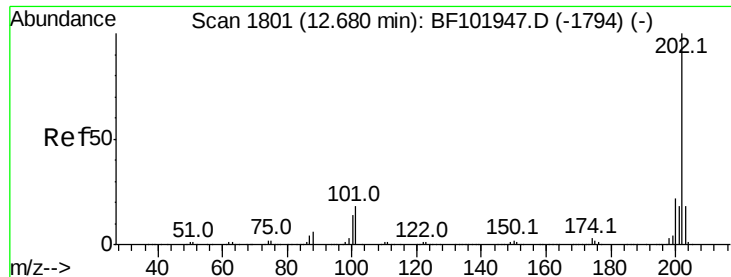


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

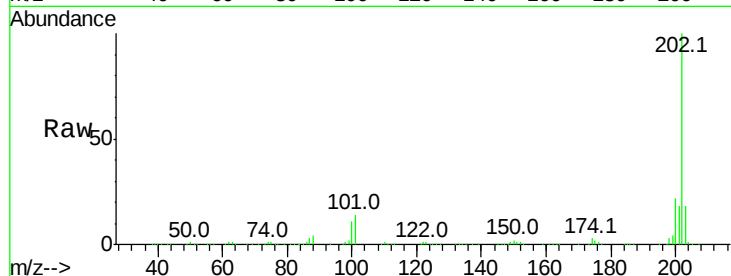




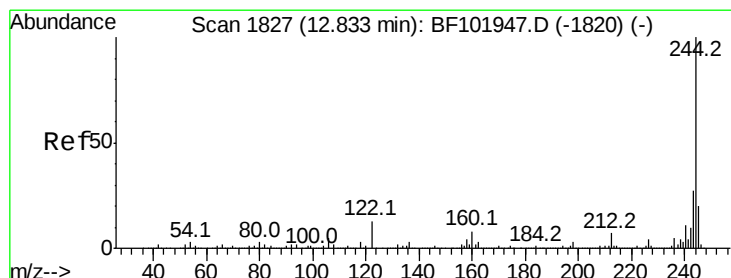
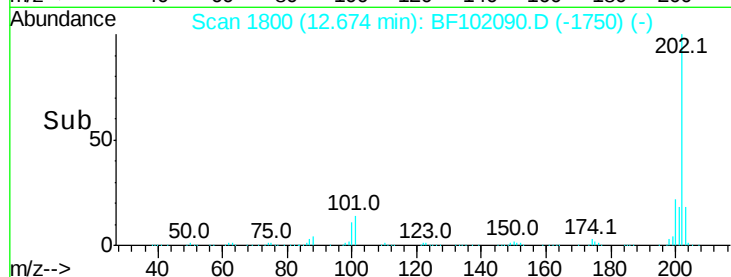
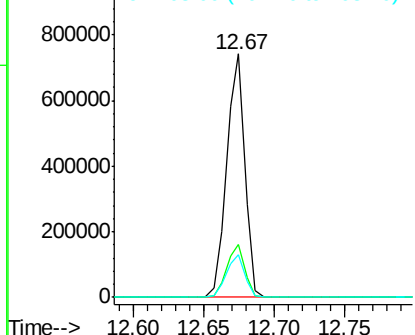
#77
Pvrene
Concen: 29.588 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 658558
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5

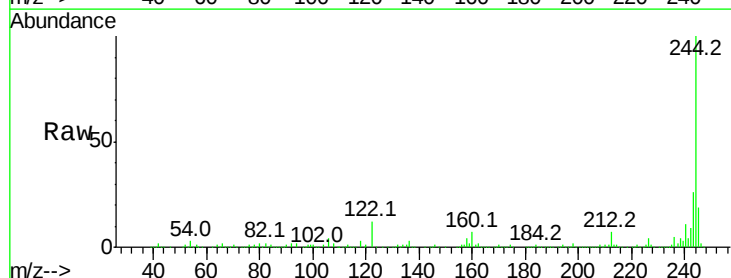


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

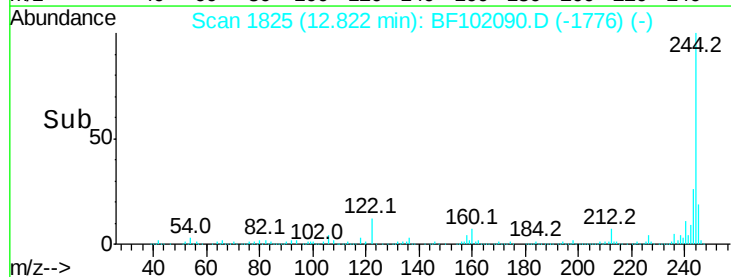
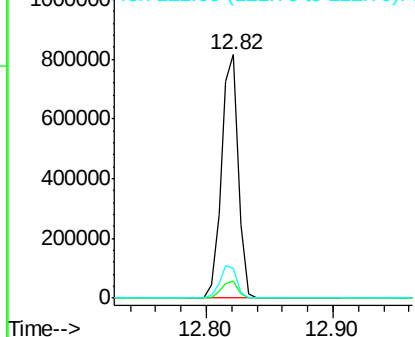


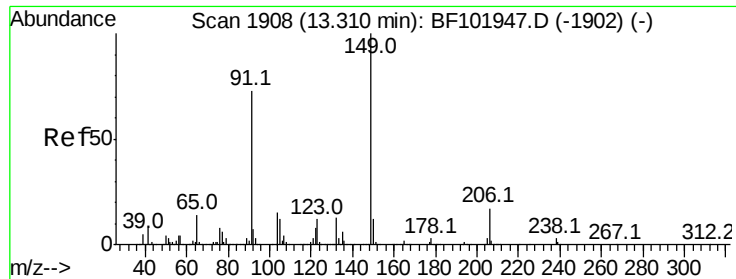
#78
Terphenyl-d14
Concen: 62.067 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:244 Resp: 752728
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

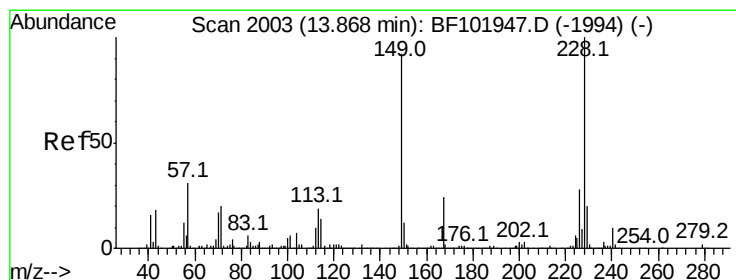
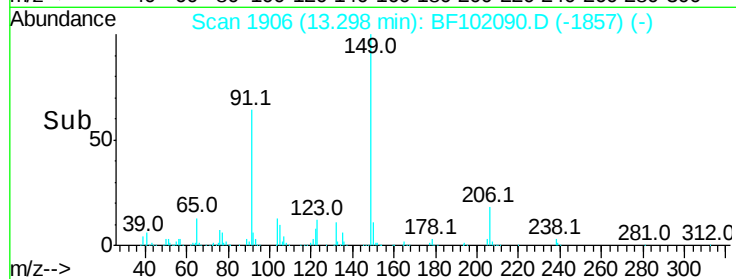
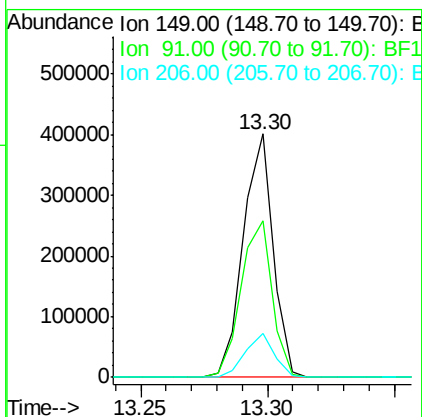
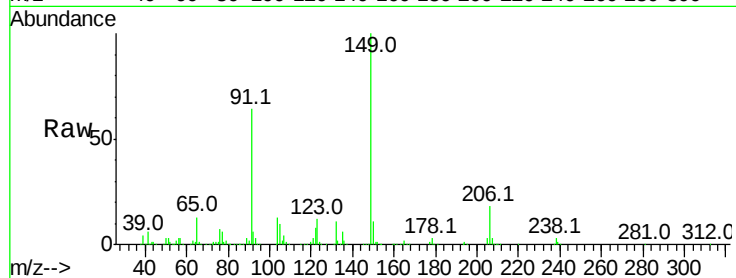




#79
Butylbenzylphthalate
Concen: 32.211 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

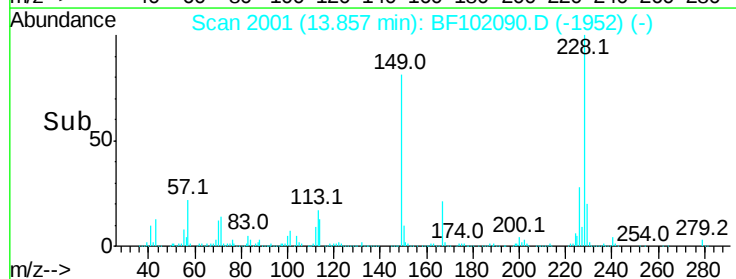
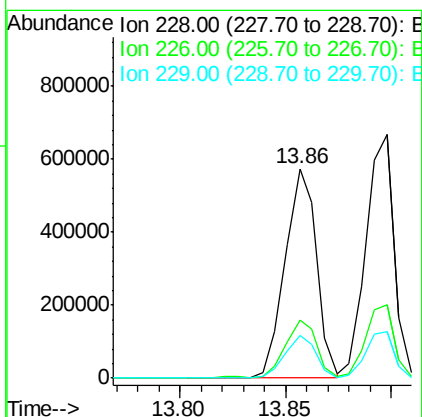
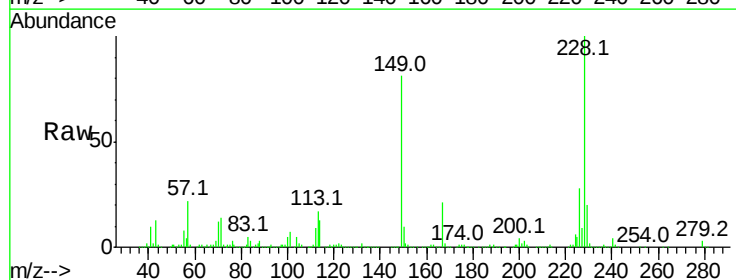
Instrument :
BNA_F
ClientSampleId :

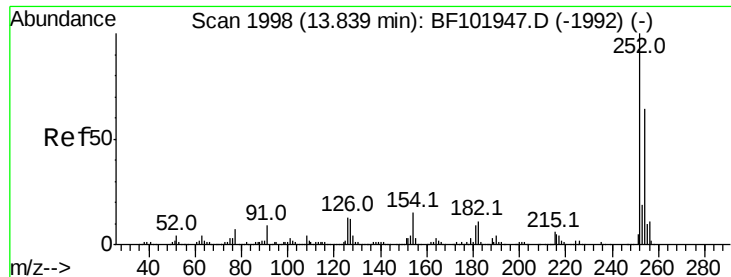
Tot Ion:149 Resp: 329018
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.139 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102090.D
Acq: 16 Jan 2018 5:17

Tgt Ion:228 Resp: 596667
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.849 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

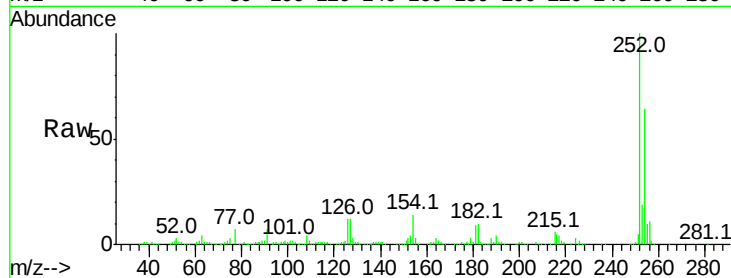
Tot Ion:252 Resp: 242991

Ion Ratio Lower Upper

252 100

254 64.1 50.4 75.6

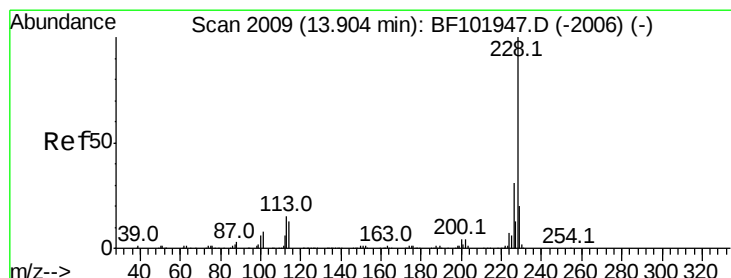
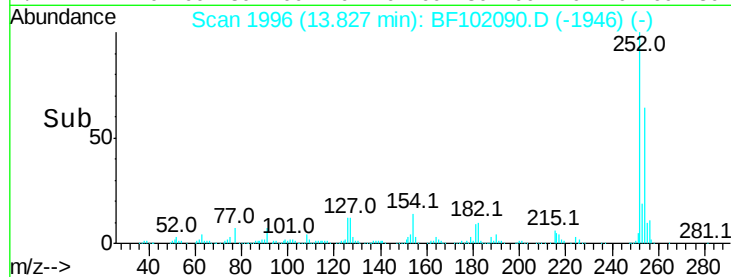
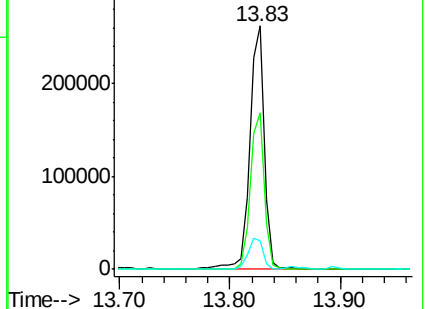
126 11.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.825 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

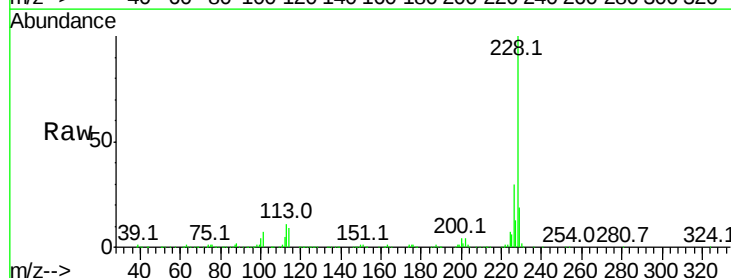
Tgt Ion:228 Resp: 616900

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

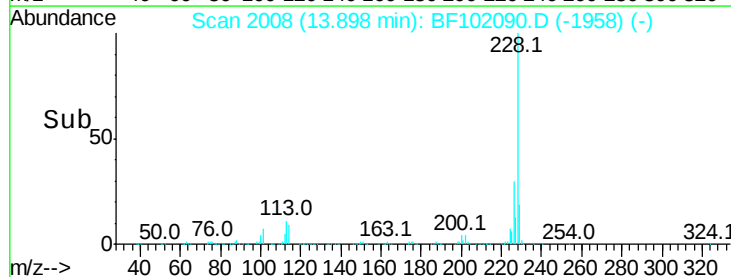
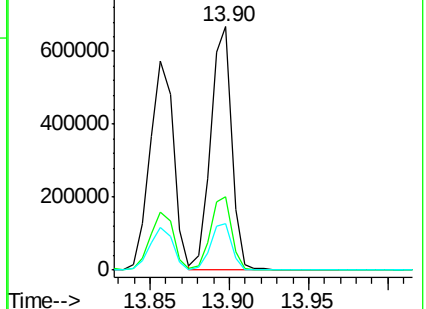
229 19.3 16.2 24.4

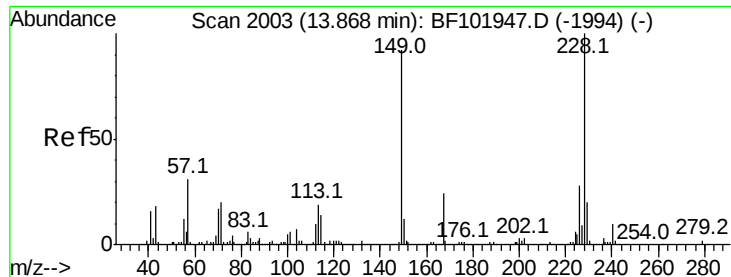


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

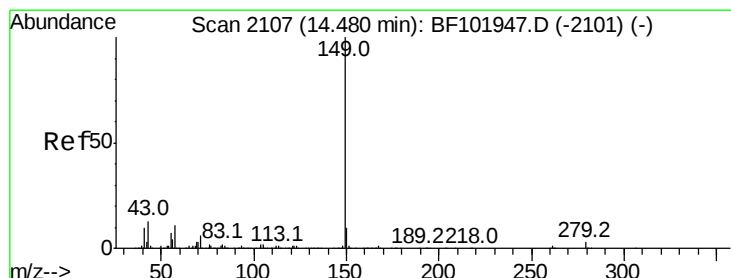
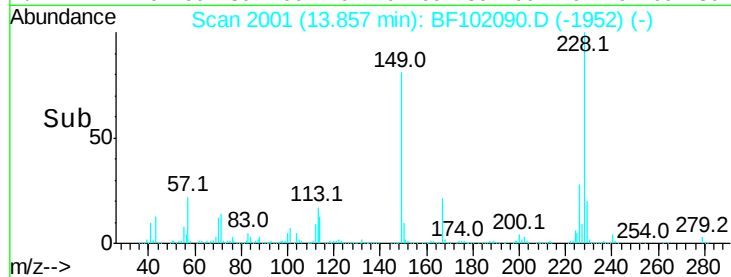
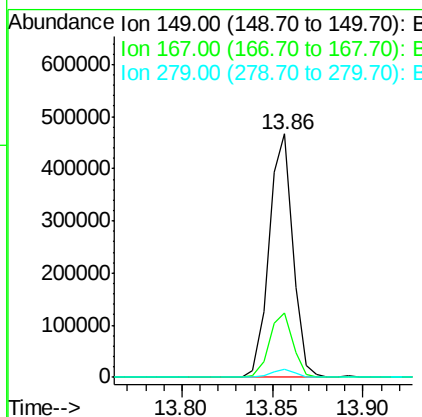
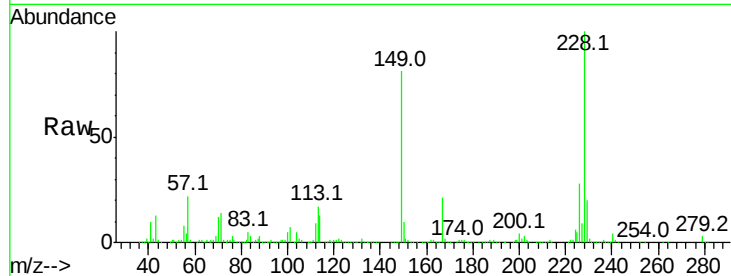




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.346 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

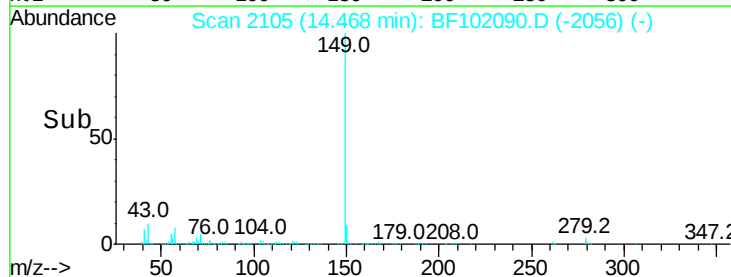
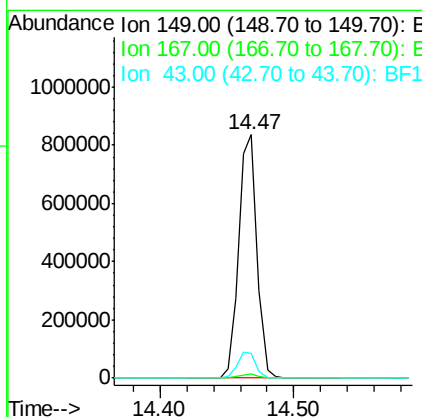
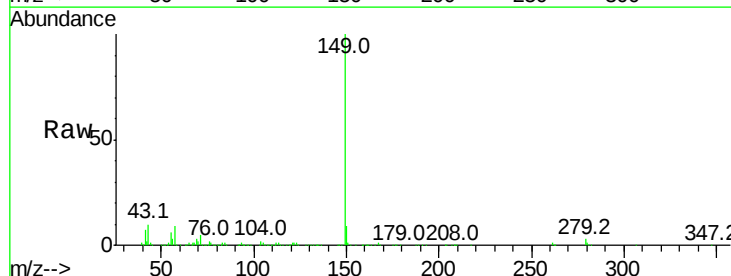
Instrument :
 BNA_F
 ClientSampleId :

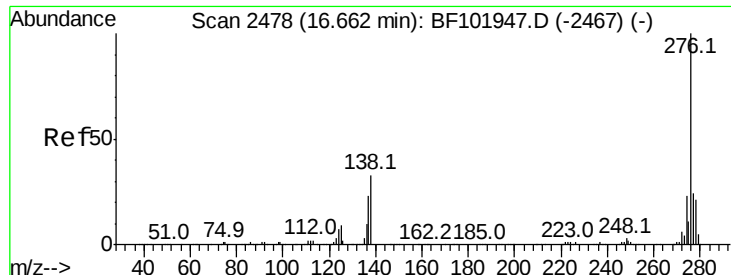
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.074 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	8.4	12.6

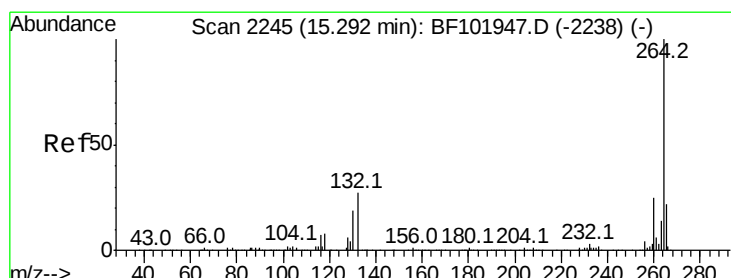
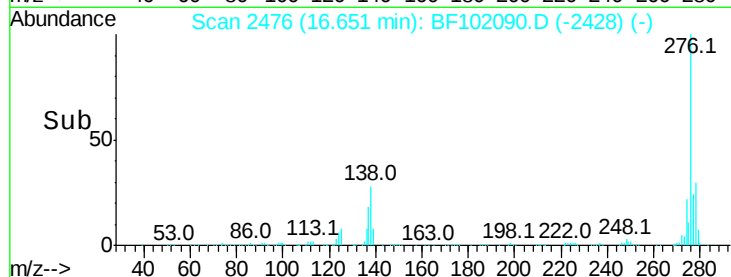
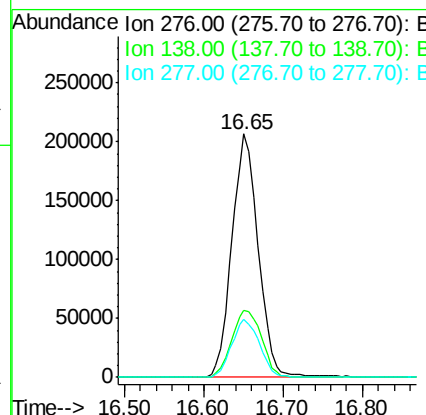
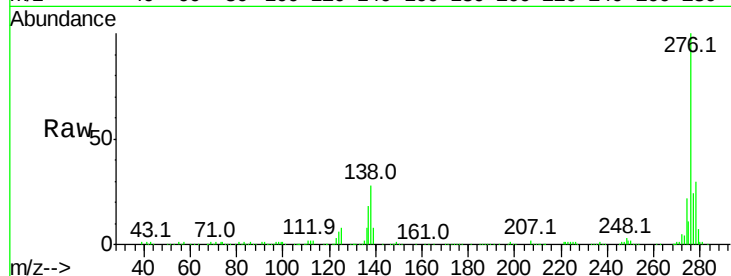




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.994 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.02 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

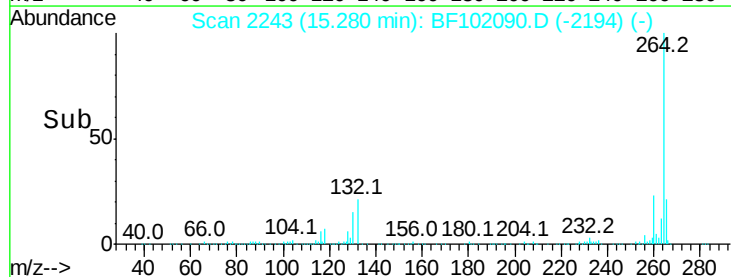
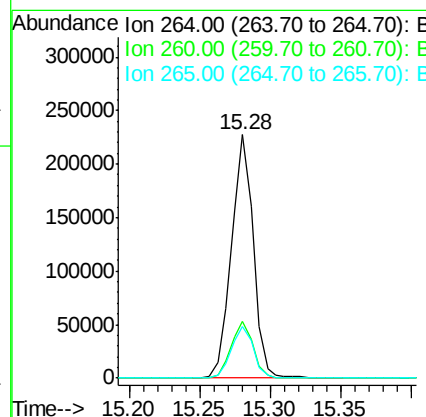
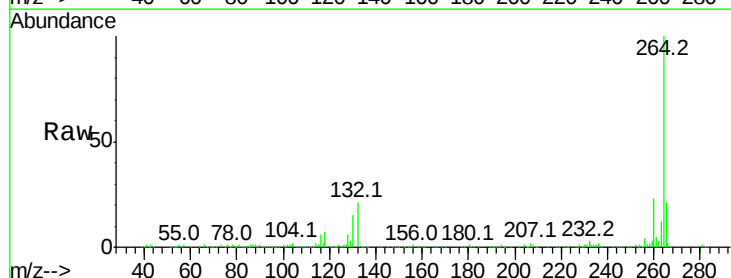
Instrument :
 BNA_F
 ClientSampleId :

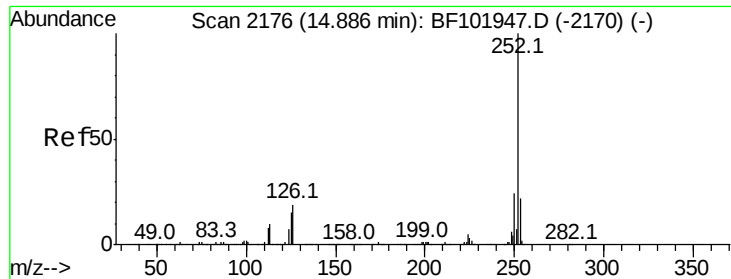
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.025 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampleId :

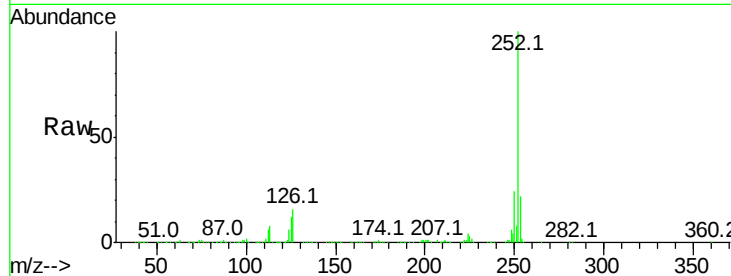
Tot Ion:252 Resp: 605770

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

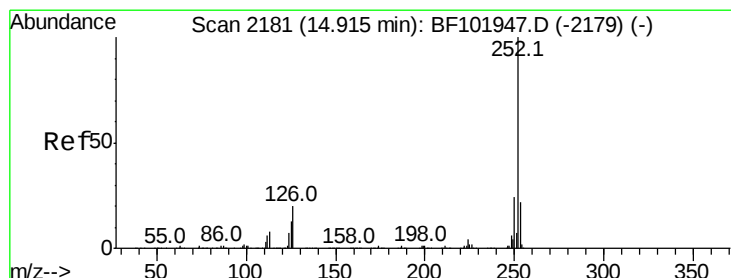
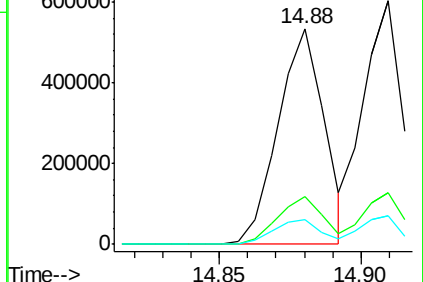
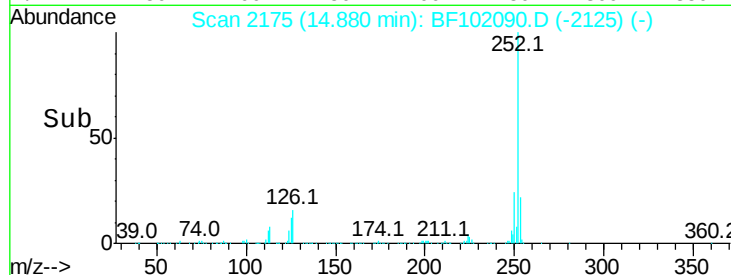
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.161 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

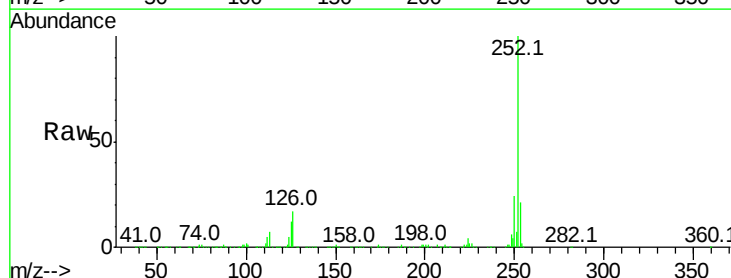
Tgt Ion:252 Resp: 586456

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

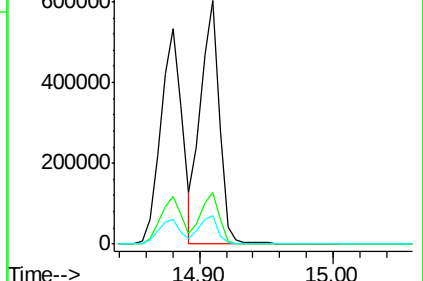
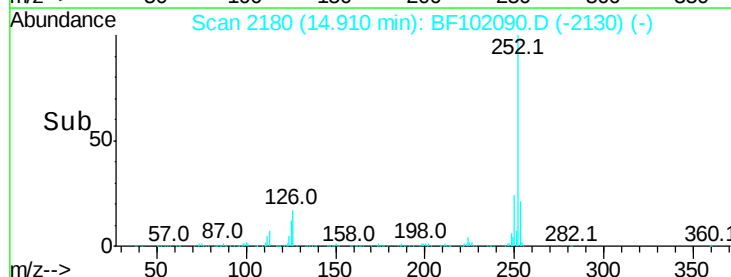
125 11.8 10.2 15.2

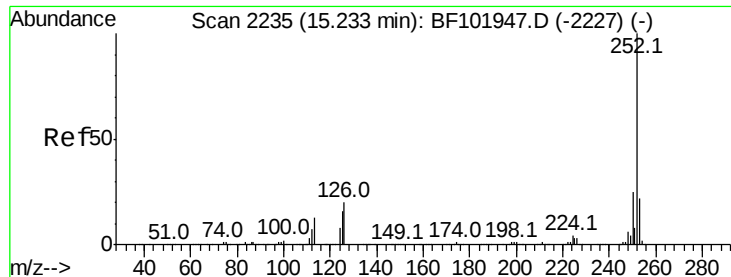


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.075 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

Instrument :

BNA_F

ClientSampled :

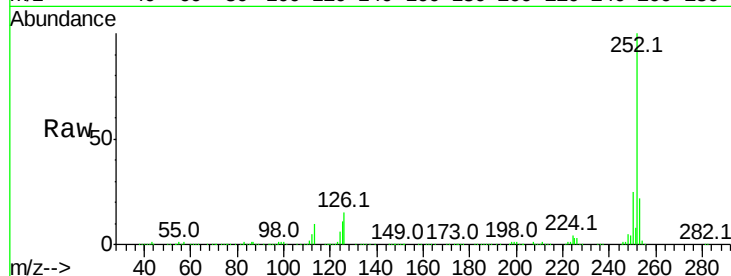
Tot Ion:252 Resp: 545818

Ion Ratio Lower Upper

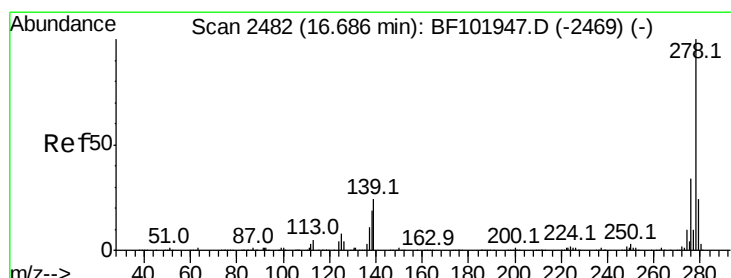
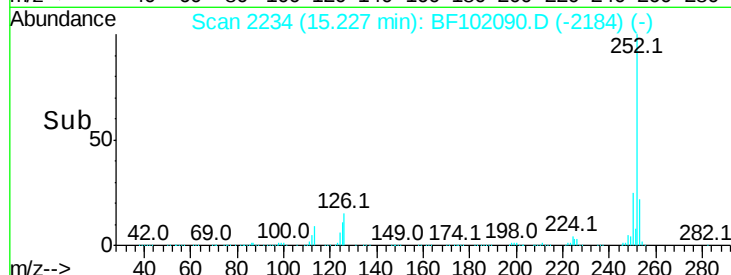
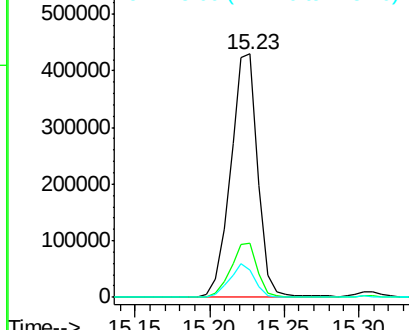
252 100

253 22.1 17.1 25.7

125 11.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.394 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BF102090.D

Acq: 16 Jan 2018 5:17

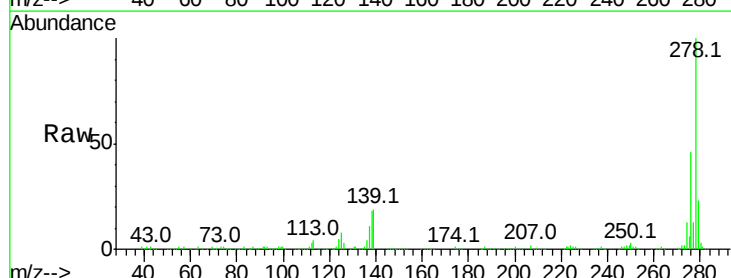
Tgt Ion:278 Resp: 404912

Ion Ratio Lower Upper

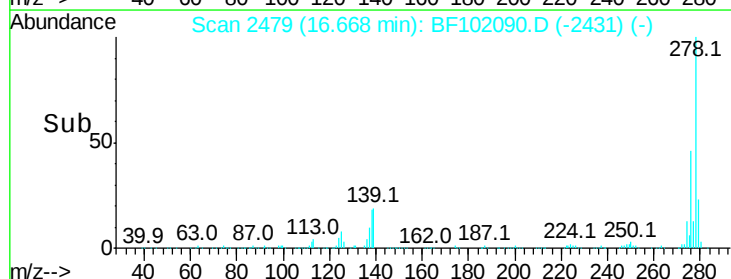
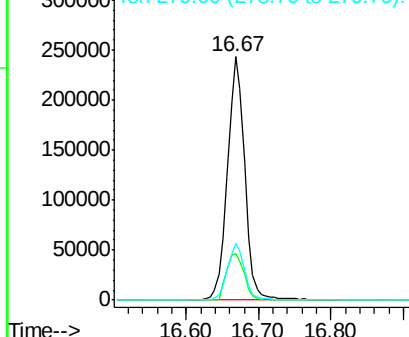
278 100

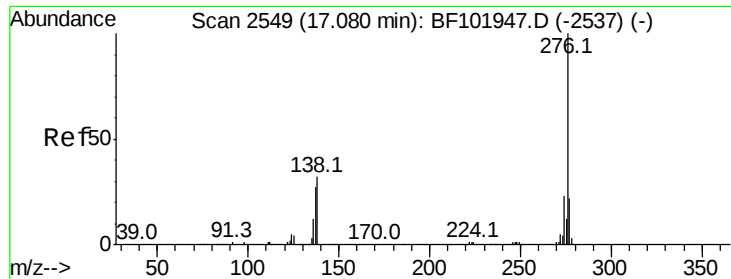
139 19.1 15.9 23.9

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 32.331 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF102090.D
 Acq: 16 Jan 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	25.3	21.8	32.8

